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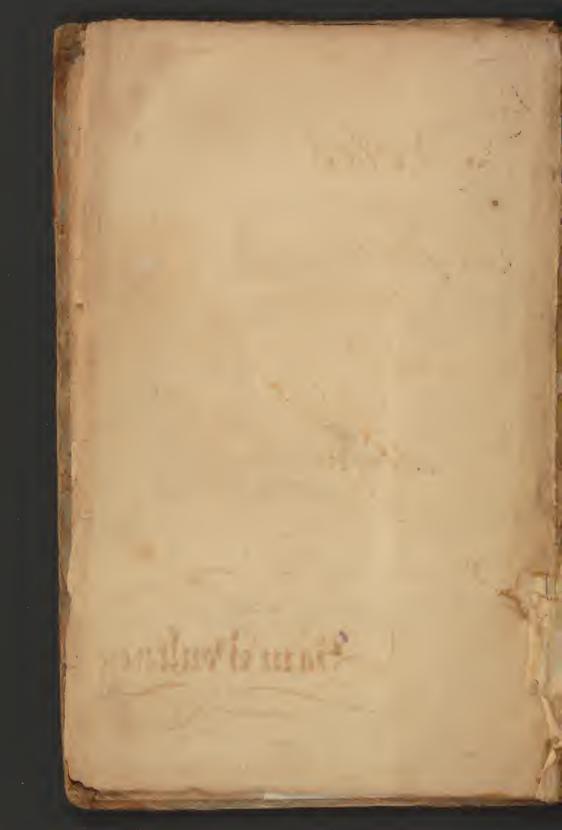
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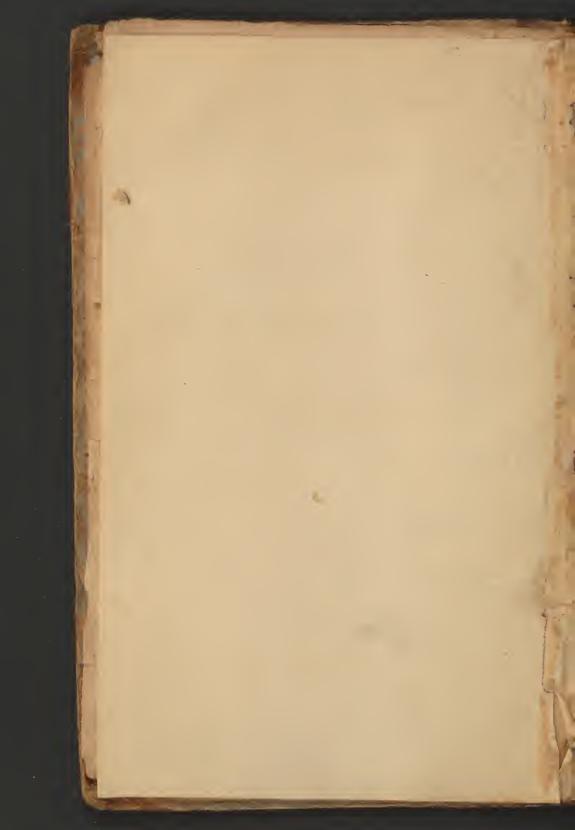
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otes on the Materia Medica taken from A Course of Lectures Delivered By Adam Kuhn M.D. Trofefrer of Mature a Medica in the University of 121874 Fram Foultness 16 MD,CC.LXXXVI

southwo unit

Cotes taking from a fourte of Lectures on the Materia Medica Dilivere by Neam Thun M. D. began November 2 11/860 Lectures 1th 2 2 Contained a general history of the art of Thy. sie from its fift origin to the Trefent day! He gave fift an account of the art, which he object fould not be apriled to any one pour Jon as the inventor, as it is not populle for The Lagacity of one man to arguin knowledge Sufficient to deferve the Hame as an art Medeine Vernis to be Crevel with man, he from his first- Creation must have been Subject to Difeafer. Jain and Siknep would unge him to dech Te leif. Instinct would discover Jome Hemidies. Juals at Handows would dipover others, and the observing spontaneous faces muft have led to an Smitation of them, But the long life of the fift anhabitants of the work would give ample toom for Observation, and the knowledge thus obtains ed would be handed down hom father to for and at length Conflictutes an art of Thypic

I But untill Thypic began to be Cultivat = ed ander Saticular Seifons, it must have been very rude The first Tegular accounts we have of this art are from taypt, Hermes Tripmegiftus wrote books lupin Thysic which he now. -ed his Succeptors to follow without deviation. He Confined the Different Difeafor to different Ferfore, Enjoining them not to Tracky out If the Defeate alloted them and in Cafe they were Tunished with Death, From Egypt Thysic pales into Green and get into the hand of the Triette of apulapius and we may really Imagine a great real of Trieftoraft to have been of Mercine till the time of Hipportates of Pos who lived about 400 years before Wrift. His writings if taken together appear Hediculous and abjust, but if deletter Some are of the utmost whility, He was the founder of Dogmatifm, He lived to the age of 10 Ly years and died one year before the birth of Alexander the great about

Wort 217 years before (Wrift Scrapion lived, the founder of the Empiric Seet, who Tyested allter-- soning in Difeases, and asserted that Experience alone was to be buffed to about 200 years before Christ Archagathus Come to Chance and has good Sweep, but on account of his Surgical opporations which all rouse titations have an avergion to, he together with all the Physicians was banished The City. In the next Contary aplipiades Came to Home and gained a great seal of Reputation by his gentle adoress and tafy mederine -In the Second Century after Christ Gallen arofe, a man of great abilities, he Suppreped the Empiries and Mathorith and restored the ancient Dogmatifon of Hippocrates, upon whose works he has Commented and has laken a great deal of pains to runder him Clean - He wrote 500 Volumes and has So Connected them as to Journ & Complete System of Physic, Galen long reigned the Igrant of Mereine, and it was long held to be R species of Impiety to differ from him. In the Seventh Century after thrift

the Savage arabs but the famous library of alexandria. The arabs neglected all leading till the Reign of the Caliphs of the Tace of abapides when learning began to be tneon: -raged and the Greek authors to be translated, The fult books they got were arittethe and Galen-They were service imitators of galen and of Infequence little improvement fould be expected from them. They did nothing but Comment whom him, adding only Such Sifeafer as were peculiar to their Country and were unknown to the Greeks, as the Umall por was not known in turope before the Inflitution of the Engles you the Econvery of the holy land, They added the Syrups to the Material Medica, the act of making Jugar is an anabian constantinople was taken by the Vurki, wefe the Same truetty was Exercise as before at alexandria. This triffendores totalhophe which it was thought would have Entirely put a stop to Learning, unexpectedly proved the laufe of its levival, for the Greeks fles into Italy with their Manuforipto and hected

Schools. Frinting also was about this time 5 invented. _ The Doctrines of Galen Continued to prevail till about the beginning of the 16th Century, when Jaraceljus first began to oppose them, and to Substitute his own in their Toom, He was vut -ceeded by Van Helmont who was a perfon of leaver ing, but a wrong headed Enthujiaft, to him be Mongs the ment of Exploding the Dochines of galen, but he unhappily Inbotituted his own worfe ones in their Your. He rejected Blow Letting and Fresoiled a hot regimen in fevers the at length fell a davifice to his own theory and died of a Planify -In the middle of the 17 Century the Circulation of the Blood was Dipowered by Harvey, atter this many new theorys were introduced into Medecines, Nome Physicians Confidered The bory as a rriere hydraulic Machine and attempted to account for tvery thing on the Frimiples of Mathematics Hahl from Jome hints thrown out by Plato Dolans, Welfer and others Suppose The Tational Soul to Trafide over the System He therefore gave nothing but weak Mede?

The systems of Hoffman and Itahl who were Totomporaries and Tivals are Still Tere ived in Germany -Thancis de la Boe Vijlirius, who was professor at Leyden, Supposed forers to be Occapioned by an reid and reforibed alkalies in them, This opinion is Still received by Some, We may Teasily Conceive howmany thousands mut have fallen a carrifier to those false theories Leitenzand Having given a general Shetch of the Hif= tory of Physic, we shall now proceed to the branch in which we are to be Engaged We Shall diliver the whole we have to day under & heads I The Knowledge of the Subjects Employed and their Diftinction from all others -2 When virtue in Medicine of Diet ... 3 The Yoursation of these Virtues in their d'enfible qualities or Chemical properties Their Tharmacutical Treatment or their utipieal preparation for the Jurpofe they are intensed to answer In to the first the Substances Employed are of low hinds natural or artificial, a Knowledge

of Mahuras muft be derived from a Knowledge of of Matural History, which the neglected is of great Importance, Had the ancients been arguainted with it we Should not have been Engaged in Diffrutes Concerning the Subflames Employed by them -Whe virtues of the Medeiner as laid down under the 2nd Head will take up the greatest part of this Course, Deputing these Virtues various methods have been purpued, some definite them as Suited to Particular Indications, others to Particular Difeafer, the first is of great Utility, the laft is attended with great uncertainty -The following books deem Sarticularly Calew-- lates to aprift the Husent in his Inquiries on this Lewis in the New Differfatory has given us an upfullwork, but it is brather the loope difformed Materials, than a proper dystem If the Materia Medica. He follows the helphas - betical order, by which means his Subject is do interrupted that it is impossible you the Teader to follow him tegularly, and he is therefore fit only for Occapioned Confultations, Geoffroy has first Divided the Subjects as got from the three Kingdoms and in the Vezatable

Olegatable he again subsivides them according to the part of the plants made up of, a Took, Herbs. Banks the But in heating of the Individuals he has fallen into the same torn and is liable to the Jame objections with the author of the New Difhenfatory, His first and Second Volumes are the Best _ annous has followed the Bolanical order in deferibing the wither of the Substances belong: ing to the Materia Medica, this is Somewhat litter, for plants of the Same order or Genus have frequently been found to Correspond in Medical Virtues, But this does not obtain univerfally; X Cartheufer ranks them according to their Senfible anallities, by this means you have a number of Substances Connected which Corespond in Medical Virtues, but this plan is not quite dufficient and he is obliged in many places to follow indications -This method is also purped by the Cele-: beater Sewman -DI Culter difficultes the mederines accord. ing to the insulations they derve and thense Infers their Whility in the Various difeases -

This plan is undoubtly the beft, and it is 9 this I Shall follow in this Court of Lectures His Materia Medical published here Someyears ago, being taken from the notes of Some per-- som who attended his Lectures, is not do perfeit as louls be wiffied, But I would advise you all to have it, as I shall make frequent deferences in the Comp of thefe Lectures as there are no Leitures on the Tractice of Physic this year, I fall Intersperse Frankile Temarks wherever there is an opportunity, and as their are Some Difersers which Cannot properly be bought in in this manner, I shall Partie larly Confider them after the Course on the Materia Mesica - I find myself Necessial = -ed here to give you my opinion with thegard to the opperation of Meseumes in order that you may the better unserftand me The troy is Divipble into three parts, the Simple fibre, the fluids, and the Jolisa viva or moving fibres, Thefe laft are Endued with both denfibility and inatibility, with which the two former are not _ The Extent of the Nervous power in the System

System is very great, It is observable in the Mugles of Voluntary motion, and wherever mufular fibres are found in the Alimentary Canal, in the Brownia and Lungs, in the Arter = ries, and in the whole Lymphatic and Abforb: as to the State of the Simple Solids, their laxity or Hightily, thefe Seems to be Constitutional Defects and not to be opperated on by Mede: it is by det, and they may be Confidence as out of the power of Medeines -As to the philos, it is Evident difeafer Cannot be owing to their vitiated State, as acrimony Comes on granually, whereas difeases are Attentimes brought on Inflantangoufly, and There are no Medeines which will act on the fluid by being Carried into them by means of the Chyle -We therefore muft have Tecompe to the Solisa viva a moving fibres, for the opperation of Madeine, and from these diseases are to be Deduced . The moving fibres are all four enested with the denforium Commune or

Vert of the Soul, They are also Connected with each other, of the various Conforts I Shall only mention one, that of the Homach, which accounts for the opperation of Medecines, The Homach is Connected with the Senjoin = - um Commune very remarkably 2 with the Vivera of the Thorax althacting from its Contiguity 3 with the absorminal Viera I the with the takemities, 5 with the whole Surface of the Body -The Confent of the Homach with the Senso: Com. is tribent in Hypocondiai Perfons, whop diforder being beated in the Stomach grevious. + - by affects the Jense Com: - The Connection with the Extremities is Evident from the Frame-sition of the gout from the feet to the Homach and viceverya. From the Gout fixing on the Stomach it happens that it at length prover fatal, The Connection on with the whole surface of the body is evident from Various Confiderations: No Jorner do Some aliments react the Stomach of Sarticular Serfons than Spot and Efflow = recenfer appear allower the Shin Vomiting

Comiting is very often Quationed by a Conflice-- tion of the Entagreous pores, Intermittant feever are generally occasioned by an obstructed Terffication In these we tahibit a Vornit not to triply the Atomach, but to Replace the perspiration; This is very Evident by metis prequently producing the Same good Effectsaltho they do not opperate as if they has Some it_ The Confent of the Homach is very evident all over the System These Thanomina are to be accounted for no other way than by the Supposition of the acting on the moving files or Newous elystem. It has been very upual to Confider the State of the Secretion fluids as a Criterion of the state of the Humour, but the Varinow to the State of the Secreting organs than any thing the -Internes have been taken into the Mar-teria Medica by instinct, accident, and Pro-- mijerous Experiments, It is difficult to Jay what substances have been taken in a are tetained by teafor

Lecture of the Nov: . 1785 -- 13 The Materia Medica Complehends all the Sulftances if in Meseine or Diet. the Thamacustical part was formerly thought to take in the whole of the Subject, But Surely the Dictical also Defeves a place __ Medicines may be Divided into It those which act on the Simple fibe In these which act on the moving file or toled a viva? 3" Thise which act on the Thurs of those which act on the Simple fibre the fift Class we Consider are Nutrienthe by which term is meant every thing used by strankind in Food. Hood is Obtained from the Vegatable and Animal Kingdoms, - (The mile, bland, Infipid, and Ponous plants are Employed for diet, While the airis, bitter, and Dorous are ups only in Meseine Those and Sulftaness we Employ in diet are not used as Nowighment, but only to tender our Mourishment more Palatable, these are Calle Consiments) Here let us Enquire into The laufe of hungar, Concorning which Vari-- our theories have been formed, Hoffman Sup-: pope it to arif from an Ried Temaining in the Momach

14 Homach from the former meal and this he thought was proved from the Confideration that and taken into the Stomach Creakelor Investe the appetite, But the Stomach being Emplied on -tirely by Vornits Hunger Continues which fingle Confideration is Sufficient to refute this Highothe - sis - Boerhaave, Haller and others have thought it to arise from the foto, or this of the Homach rubbing against Each other, they reason thus when the Stomach is Emply, it being a Mufular organ will Contract and the opposite Tives being brought together, the Job by their attrition produce Hungar But if the Confider that the Homach is a Hound or Corried Organ, and Configuently that its oppo-- site sides Connot be approximated by any force of its own, and also that the tomach is defended by a Musous which would prevent this attition, we will find that this theory Cannot hol good, To me it appears that this appetite may be accounted for volely from the Emplines of the Homach, as we find persons in health never fraving food, untill the Homach is Itelieves from load of the primer Meel, and the we find persons Sometimes

Jeel no hungar when the Stomach is Empty and at other times continually fearing from altho the Homach is full, byet these things never happen but in a Difeased State and intrances taken from a difeased thate are not to be tilied on in a healthy one As Food is obtained from the animal and regatable thingsoms it has long been dif--puter wheather an animal or Vegatable diet is most proper for Mans. He have inflances of whole Nations Subjetting Intirely on Vegalables, others live wholly on animal food. Man up = - pears upon the whole to be defigned by nature to live on both animal and Vegetable substances, whis is Confirmed both by reason and Experience Man has not only the Carrierie or Cutting teeth Techian to Carrievorous animals, but also the center molares or grinders of the Herbivorous. We find the indefines of farnivorous animals to be very that as their food is already of an animal nature and Tequires no long digethion on the Contrary the Intestines of Herbivorous animals are very long, as their food tequires A long Digittion before it Can be Converted

into an animal nature. The Thomas In ref--times are not to long as those of the Herbivorous, nor to that as those of the Carnivorous Animals. We find also by Experience that a vole Vegetable or animal diet, brings with it many Inconve - niences, the one producing an Acefancy and the other putridity, which caup many and gre= - vious Dijabers - - -Of Consiment, the most general are datt and Jugar, The fift we up with animal food to Hender it more Savoary, which it not only does, but also regists Sutridity very powerfully. Sugar is the most to be defered, It is very riourishing. We may justly appert, that all Vegetables are the more or less nourishing Austring to the Quantity of Sugar they Contain_ It is also a very powerfull antifepties I vinote thinks the Teafon of the plague and other maly nant diforders, being left frequent in turope of late is the more general up of bugar, It may be obtained from all the Gentent Wage --tables - From our aliment when digetted is formed the Chyle, which being taken up by the Lactuals, is by them Conseived into the Thorain Duct, which opens into the

Left Subclavian Vein where it is mixed with the map of the Blood, from which are forme all the fluits of the human body, as wine, bile, demen Lee - -Let us now Confider digition or the Conversion of our aliments into Chyle. The Lignors but a servient to this, are the Saliva, Gaftrie liquor, bile, and Janereatic Juice The Saliva appears to be Composed of water and a Vision matter with the nature of which we are but little acquainted, It is disposed to prevent Imoderate fermentation in the alimentary Canal _ It is very aft to Convete -The themical Physicians have Apriled Digestion to a Solvend in the Stomach which they Suppose to be an his of the Mature of Aqua Fortis .- The Mechanical Physicians as Gonelli, Bellina, and others aferibed it intirely to mechanical force, Neither were right, the Terhaps both were not Intirely wrong. With a view of Determining this point Resumer inflituted his Experiments -He began with a Turkey; a fowl whose Homach is temarkably thing and Mufular

18 Mujeular, and which always Swallows Gravel Hones to afift Digettion, He made it Swallow Small glass tubes which he found Broken He then tried thin Metal ones, which were made flat, and to he Proceeded till he got tubes Strong trough to repit the force of the Stomach. in which he Enclose grains of Barley, The ends of the tubes he Stopped up to that nothing Could Geape unless in a fluid state _ l After two or three days he found the grains welled but not more than would have happened from their being Joaked in any other Lignor with the carme degree of heat, In this fowd therefore digethion seems to be Carried on wholly by the thingth of the Stomach. He then tried a Hawk, whofe Homach is very thin and Membrano is and he found the thinnest tubes word sujift it force, He Inclosed in them fleth and found it Converted into a more gelly -He then tried the hard bones of an Ox and found them dipoliced also. He next tried grains of Barley which he found not in the least alteres, In this your then digit-- tion Jeems to be Carried on by A volvent

and that of a farhiular nature, So as to 19 Dipole fleth and even bones, but not to have the least Effect on Vegetables -Digition Jeems to be farried or by fermentation of which these are threekind, the Vinous, Autous, and Sutrefactive, of the Venous we have an Inflance in wine, Beer, and Cyder He. of the Rectour when thefo liquors turn som, of the Sutrefactive in animal substances when they begin to Sutrefy, - The Vinous and Rutoris take place in the Homach, and the Tutrefactive in the Inteffines -All our Aliment in the Stomach is hier - tous, for the Homach of all animals Conque - late Milk -Lect 3th Nov. 1706 The Bile has been Commonly Supposed to be of an alkalepent and Alpenaceous nat: - ure . - Hamfeys Experiments Tefete thefe theories, for when he Endeavoured to unite oil and water by meaning Bile he Constantly found his attempts to fail, He found that he Could not Sie

I with it as well as with a Solution of Jugar, which is not to Saponacious as a Mucilage, and that it is not alkaleunt is Evident from its Standing many years without becoming puties, only Smitting A mutty Smell I Some haits of Vinegan aded to five parts of bile produces a Sweet Lique, which will not Conquelate wilk, the the leaft particle of Vinegar will do it, It has been Commonly Supposed that the bile was of service to render the Russent aliment of the Stomach of an animal nature, but we can apign better up for it, It being a bitter will prevent Imms = - derate fermentation, An Instance of Bitters prevent. ing fermentation you have in Hops which me asses to Wort to prevent the Rectors fermen. - tation, and the back is given in putrisdif--orders to prevent the Intrefaction_ The Sancreatic juice is of the Same nature and use with the Saliva, Viz it prevents over Jermentation a theory has lately been formed by Methens Averibing Digetion to Tolution, this was founded on Some Experiments made by thim on an Hungarian Lobier, who

Topsered the Singular properties of digething Stones This Exements appeared like Morter, The for a Amall gratification would permit Experiments to be made apar fain, Stephens Inclosed varie -ous in tules of Silver, and trong perforated, which he made him Swallow and defehange by Somits and purges at Different times, He found the Substances more or left dipoliced according to the time they has remained with him neither airs nor Alkaker -We have no reason to doubt of the truth and accus - racy of these Experiments, But weather into ances taken from a person to Guntially different from all the Teft of his Species ought to be telied whom is a matter of Serious Con-- sideration .- It is Certain there is always an his in the Stomach with Some differ of fermentation -Vegatable aliments are mutitations in Hoportion to the Quantity of Oil and Sugar they Contain, Rye Contains more Sugar Then wheat and is therefore more nuties titions to these who Can assimilate it_ Rye is very aft to ferment and hime * Hubstances

it is of Service to those who are habithually Costive, When Costiveness is owing to latity an animal diet is to be prefered, but when owing to Higisity the Regetable diet is most neupary: Vegetable det is hurtfull to perfores Subject to flatulencies, Animal food is not proper for Hypochondriaes, and perfore Subject to Hy-= Sterias, and insigeftion. But to prevent the had Effects of animal food we should up as much of the Vegetable as Popible, the this Surpoje Breed and Totatoes are the beft, I Cannot agree with what Cadogan days of the bad Effects of Bried in these Diforders, He macerated it in water before the fire and found it to become aid, But this is also the lafe with Tegard to fleth- Broths, and even fleth ittely will become his before it Subrefier, Bread or Jother aliment being well thewed in the mouth is their mines with the Valiva, in the Stomach with The Gathie Liquer, and in the Intestines with bile and Sancacate quies Digettion is better performed of the food is well blended with the Saliva, a herjon therefore who is troubled with dirity

Should up Biferit. Serjons of a relaxed Ho= of any kind, their Drink Should be Straft and water, with a little of tum or spirits. Fullen in this Cafe thecommends a dolution ommon Salt in Jour harts of thing water with a little Spirit of Salt to Reisulate it. I have never had an appertunity of try ing this. Him from 15 to 86 Dreps of Chin: Vitrioli taken two or three times & Day in a little water answers every good purpose All the Mineral acids answer Equally well? Desmith found a Solution of Satt fto be a very Considerable Stimulus to the animal fibres, a Vegatable diet is ufefull wherever their is a tendancy to putiefaction, or were their is an Inflamatory Diathelis. The Common notion of a Dessenting being owing to the rife of tipe fruits has been very Destruce - tive as it prevented the application of the Radical Euro of them, the free up of thefe fruits, Dipot gives an instance of theven persons la-= howing under A Dysentery, nine whereof Recorded by the free up of Tipe Grapes, But two fell a Sanifice to Prejudice, He Chewip

24 likewife tells us of a whole Tegiment of Swifs, that was almost intirely fut off by the chine rifease, and no stop fould be feut to it, Huntill the officer purchased the Crops of deveral Vineyards in Sent the Toldiers into them. after this not one more died of the diforder, The German Soldier when Seized with this dif-- order bright to his mixture of Vinegar and Reem which he will Swallow down in as large Quantities as he lan get, and Telsom fails of a lune. We have a furt in this Country very proper for this Difease, the Water Melon with affords an Excellent antiputrefunt liquer, and Inverages the Secretions both by Stool & wine, Not only ripe fruits, but all and are preced-- liarly proper for this and all other puties diforders, Inflittary remarks that acidulated Junks are very ufeful in Gellow Fevers. Cholies, Diarshaas, and Choleras are very fre-- quent from a two greatup of Vegatables. Tholies are recapioned very readily by pear, Cabbage te . Serfores therefore that are Sub= - jest to them Should abtain from the up of these Vegatables. These Effects been not to Dife from their Reisity but may be

decounter for in a better manner, Theje Vegetables being of a firm Confistance will the -main a long time in the Hornach before they lan be Digetted, their will Evolve A large Quan tity of Pattie air which will Diften the Stormach and intestines, Caufing voilent pains in Sarticular parts; If speedy teleif is not given this difease brings on faintings, Convulgions, and Joon terminates in Death. The Medecines which I have found to give the most speery relief is the Vol. alkalic One Drachin being made into 12 bolus, s in Dipostued in By of water with the addice tion of a little Opium or Laudanum if the pain is very voilent, and one Bolus or A Table spronfull being taken Every hour will generally give telerif. That it is not by their Rusity may be proved from the use of Split pear, which being deprive I their outer hugh and Configuently Tendered Eafier of Digettion product no The Common cuttom of Lating Cheefe with first is a very good one as Cheefe Theially when next the bas Effects of the fruit -

26 Lecture 6 210: 17263 Dearhas also arises from a two frequent use of fruit, which deems to arife from the aufant liquor of the fruit mining with the bile, and Stimulating the Intestines. of attended with no other Complaint ought not to be Accounted a Difease, but a wholeforme Eva-- cuation, However if it is two trobleforme a doje of Rhubarb will generally Temeve it, (holeras are likewife onapioned by the up of puts, the Ried of which thimulating the Stomach and intestines Causes Evacuations both by Vo-- miting and burging, Warm Tear, warm water, and Chicken water rank Plentifully will generally give telief by Carrying of the Ris matter. But if the vomiting Continues this mere Initability of the Homach, Lawrencem may be given in large Dofer, and muft be repeated untill the Vomiting Cafes, of the Sorfon is Setheric Bleeding will be necessary, left by the Voilent Straining and Tetching a Hupture of Some of the blood Repels in the stormach, lungs, or head should be ourgioned. Vegatable Aliment is Seculiarly adapted to the Swarry from which it is not only a Trafer & - vature but also oftentimes leves the Difease

Many diporders have gone under the name of Survies, any Emption which a Thysician is at a left to account for is Taid to be owing to a Scributio habit of body; By the Juny hear I mean what is formmonly falled the Sea Sourvey - This dijorder generally begins with a, Lapithise and henvines of the Body, which is Enfiderably encreased in the morning and Even: ing especially in the morning, weakness in the back and kness an avespion to motion, a Change in the natural Clour, which becomes yellow and Somewhat Green, The lips become live, the Gums swell and become Springy, teeth frequently elevates bleed on the least pressure, The teeth become yellow and at length black-The teeth may very Eafely be taken out, if their is a decayed tooth. Their is generally a great paid in the jaw bone in that There. The Isreath and mouth give an offenpivermell, Great pain in the goints of the Knies and anhler, which are worfe in the hening and morning unless the patient is Teleined by Serffination, in which may be Said to Confift the life of Scorbitie _ Rople

28 In the beginning there are Sometimes flying pains in the Thehax, but no pains upon being preper Faternally - The power of the muples is very much teland. The Shin appears like what is Commonly Called Goofs Heph, hot and Dry . -Thairy perform, at the root of the hairs appears. Suffices, which are Hed, yellow, Surple and Sublivid; In those that are not hairy, there appears Shot like pleas bites, ted, livid, Purple de; Seans from wound or Whiers, appear Dark and hivid, Yellow and black Shots appear all over the Skin, Tumous in the limbs at fift moveables afterwards they penetrate into the mufeles and become Immoveable, Tunning A long the limbs. (Hamoriages from the Nose, mouth & Shus) a Swelling of the legs and feet very much like a Dupy, the Skin is black and yellow, livid and purples and whon being preped leaves no mark, There are no where formed unless were the Skin has been lately broke, There is no pur generated in them, but a black blood, Smitimes they form a Jungous fleth, very Quick, which this taken away by mercines . on the knife will speedily sprout up again,

Within the body, the patient has no fever, Sleeps pretty well, no hear Reh, tongue nature Except Sometimes yellow, has no thirt, a Truthy good appetite, he Continues in the free up of his Senfer to the laft, In the advanted Hage, the pulle is very small and weak and beat from yo to go thoker in a minuted_ Sometimes unegul and Intermittant, The patient is generally Coffine but not gupes. In the advanced stage there Sometimes Comes on a Dysentery and Liairhaa. Dysentery generally prove fatal, The Dearrhas is generally falutary, No Diffinity in making water, the in Small quantity and high Coloure, with yellow, Brown Disiment. The blood even at the beginning is then Difsolved and black, the Scrotity is dalt, Sharp, and has a yellowith Green Swirning on it. Grevious palpitations of the heart lupon moving, the they generally appear well when lying in bed. They cannot even bear the mission of fresh air upon them, They are very periffs and Timis, even the mott Courageous become Sufillanimones and as it were affair of their own Shadows -

30 year and James, Tudenly depress them & Joy and hope as Soon Taile them. Towards the last breathing becomes Difficult and they Expire without a light or grown and Can Scarcely be Said to feel the panys of Death. The croximate Cause of the Seury is an aun = -mulation and tetention of postrepent matter in the body. All our humours are Continually tending to Sectionation; but in a healthy state Their is no Inconvenience felt from our food a drink, from these as the most Airimonious harts of our fluids, are farmed of by mine, Hool, but principally by the Infentible perspiration. But if this Despiration is Stopped by any means and at the Same time Such a diet is not used as will obviate the putiesting - Janey of the Humours, the Confequence will be the Seury. And the putiefency may be Said to arife from, Eather than to be the lauge of the Seury, yet we find the Breath affected in the very beginning of the Dipage. The Secretion by wine is Diminishes, and Ref--piration affected, The Survey more often happens in Cold than in warm Climates,

beaufe in the latter the Senspiration is 31 hept up and the Intricent matter Carried out of the Body, while in the former it is Metaines. It is apperted that Sailors in the West Indies living on the Common Ship provision enjoying good health, have Porspiced Even Valt in Such quantities as to appear almost Invie-- Tible - This putrefunt matter broduing the Survey is different from that producing fution Jevers, Dipsenteries de The latter are attended with head ach, thirft and Delirium, whereis none of these Symptoms humpany the Survy. -Let 1 Nov! 17863 With regard to the occapional and presippoping Causes of the Jenry they may be This it be Whatever generates Tukeconfy or tends thereto in the human body: (old air, Such for as is of a puteefunt nature, Diffreutt of Di--gettion or affords little mourishment -Moisture alone is not the Cause of the Juny, unless goined with fold, as appears very widently from various Confiderations.

32 The Venehans who live in a very moith, but at the Same time warm Climate, never know any thing of the Survey, Scarfely by name-The Tupians and Saplansers in the north of Europe, where in the winter the lakes and There are progen up in Such a manner that no Cahalations fan arife, but wire the sig is very told they Yeal the dire effects of this Difease, With the Spring this Difease is Melines; It appears by the Journal of the Series Sailers who perighed of the Seury me after another in Greenland, that during the o Months they were there, they had but 18 Cloudy and Joggy days - It likewife appears by very humate Journals kept both by Sea and Land, that the Survey let -dom or never makes its appearance while the Themometer is above 10 Segreen the living on talt provisions) but generally ap = -pears when it falls below 60 degrees. Polo air laufer the Sourvey, by Checking the Terfication and preventing the Resimo--mines parts of our fluids from being fine off by that beaution. animal

Animal food, Theially Such as is Called, form 33 tributes very much to this Difeap, Wheather the Salt or The meat is the laufe, has been the laufe of great Debater, Many Physicians have accisfe latt, and in Support of their opinion mention the Laplanders who live almost wholly on animal food preferts by the fold, and Selsom a never are affect. ed with this Difease, But this Argument is not Conclusive, as the people up sour milk with their food, which obviates the suthis tendency thereof, There is no Instance of dalt alone producing the Survey, The Cafe is the dame with regard to fresh meat. It beens most probable that neither produce it lingly, the both when Combined produce effects which neither deperatly will do, Salt Kenders the meat hard and more Difficult & Digittion and this way it is produced by both also Salt fift, Salt Butter, and Cheefe are very apit to produce this Diforder, Salt britter is generally ranied and futicent, Now Cheep is most Difficult of Digethon, and The old is generally putrepent if not putris,

34 The bett prefervatives against the Survey are a Vegetable diet and Enerife, Vegatable diet prevents this difease by Correcting the acrid tendency of the humans. Evereige by keeping ap the perspiration and Carrying of the Organizated fluids. When a person is attacked with this diforder, Exercise will be of Service but the only thing he will have to tely upon is a Vegetable diet, and vegetable aux, which prove always Effectual, unless aper-- Son is in the last stage - The mineral Rich will be of no Service, nor any other but buch as are liable to undergo the Austons fermentation; Verewian Back (and all other antifepties will be of no Service without a Veg. - etable dit, and were that fan be procured, the up of all other Meseines will be Superfluous, Unless a person begins to mend on the first Day after he Enters whom the up of A Vegetable 6 diet there are no hopes of his Herovery . If he lives two Days after being brought on Shore he may Expect to get well. Degetables - Crefres are Seculiarly adapted for this Difease, For Drink demonade and weak Sunch

will be the most Ineferable, The Treperved 35 Vegetable are also Excellent Propervatives agains The Jeury; A this we have a Temarkable In-- Hance in Cook's Second Toyage round the Globe, He lawed with him great Quantities of Subled Pablage, and left but fine men during the whole Voyage, not one of the Survey tolely, which he aperibes to the free up of the Sukled Cabbage and Vinegar. The other Symptoms which orcur are to be treated as if no dening was prepent, The best manner of discussing the Tumoris by bathing them with lime Jucce or lineger Thave been thus Sartinlar on the Source, in order to Show the Effects of diet with Regard to Difeafer- Having been so full whom Vigatable aliment in general, for the disperties of particular Substance, I must refer you to Lullen, Materia Medica -(Vegetables differ in Solubility according to their texture, Thole of A firm texture are of Difficult Solubility. They are left Hoxions in proportion as the Jugar and Bil are mount -timatty blended, as in the Farinacea In not the oil not being well blended with the Sugar will be apt to Cause Heart Birere) We

36 We now proved to Speak of Drinks -The general up & Drink, is to Supply this to the System, and to Jacilatate Digettion, Sink taken in moderate Quantities facilitates Di-= gettion and proves nourifing - but if taken in large quantities it carries the food too loon out of the Stomach, and hence hinden nutrition - Link heeps this the Lymph and other humours, and hence prevents obstructions in the Glands; Hence Secretion in Carried on in a Hosper manner, the Infentible perspiration is kept up, and The Degenerated part of our Thirds waenated before they fan be Recumulated, All these ends are beft attained by pure water Varizour Substances have bleen added to tender it more Talatable; However it may be taid in general that all Substances are prop-- en for Drink in proportion to the water They Contain, Rieds are very properly join = sed with water to Quinch thirt the Bets ter, Here let us Enquire into the Caufes of thirth, which may be Tedered to 4 Heads F. It It is occasioned by a Doject of fluids in the

System, by which the decretions by the Saline glands will be Frevented, 2nd By Soled Vicid food Especially when taken in large Quantities 3 Mby alkalafant aliment, Efficially when puttied, Is by an invesaged action of the Heart and Arteries, Efficially if aumpanie with Jovers - Thirtt is Tometimes Intolerable from a Spafmodic Construction of the James, brevent. ing the Secretion of Saliva; As to the up of Frink in Jevers, I think the patient may be allowed to Drink plentifully, provided they de not take large draught, Large draughts overload the Stomach, but moderate ones often Repeated Investe the Sweepins, Supply this to the System, and keeps up a gentle persperation, When thirst arises from a Construction of the James, it is only to be Terroved by taking of that Construction, which may be done by holing Rich, as Jamarindo He in the mouth, In these will open the trevetory duch of the Salivary glands, and Stimulate them to Difeharge oblive; As to the dinks proper You particular fervers; The Risulated are beft in Inflamatory Jevers; But doubfull weather in a Tobical inflamation, as in Therifies and Temporemonies, as thefe are generally attended

With a lough; they are elfo very upofull in putil fever, & Dysenteries, or wherever their is a Diffragition to Buthefactions In these latt advant of Turnet whey, to which is added 2003 of frem Vart: is a very agreeable and injegus Drink - This may also be used to advantage in the Meafels, which of Eguine nothing the; Reiselates Drinks producens good Met in Mervoir Hepen, as they weaken the time of the Stornach, which is already twomuch weak. = ened; In nervous fevera, Sage dea, Balm dea, Wine whey, and in the asvanced May Muftand Whey, are highly Troper. Reid winks Should not be given to those who are ters evering from Intermittants; In the Inter-= mission and hot git . They should use Infu= = sions of Camomile or Century; During the To fit they Should Drink nothing at allas to the up of dinks weather Color warm is bett; In all topical Inflamations and Inflamatory Jevers in general, fold drinks Should be Avoided; But in low nervous, Hemittant, and Suties fevers, they are more proper then warm, and may be ufed with Rovantage, In Newous Jeven the Saturts

Should winh freely, and it Should be givend? to them oftener then they after you it -The up of Sunch in warm weather is very Pernicions, as it weakens the Stomach, and lays the foundation for Gout, and other differ Serjons in a Drappy, Should alftain from wink as much as Ofsible, There is generally great things attending this difeafe arising from a Confliction of the Janeer, which may be telewed by holding Some - thing acis in the mouth; but no fluid Should be Swallowed, or at least as little as Sofieble .-Let us now Confider Condiments -Condiments are all Such Subflances as an taken in with our aliment to Concert its has lendan ey or to Kender it more Valatable, or agreeable to the Stomach; Aromatics are Certain acris Substances which we up to Hender our food more Talatable, They are generally the pressure of warm Climater, As Connamon, Clover, Mut-= megs, Mace, Sepper Lea Analagous to thep in the Colder Countries are the beed of Anise, Carraway, Courander,

40 Tennel and all the Sweet Herby They Stimulate the Stomach, promote the Perittal--the motion, are antispasmodied antisephe, They ought not to be used in the Cold Countries, were people generally live on an animal Diet, but in the warmer Chimates were people generally live on Vegetables, they may be used with advantage as they are very proper for a vegatable diet. They night principlly to be avoided in the hime of life, as they are aft to Dettroy the tone of the Homach, they may be insulped in old age when the Momach requires a Himulus to a fift digettion -In the Norther Climater the Reep: kind may be with animal food, Viz: Tadifh, hour= all the Silignora - These Minusate the Homach; Diwietie, and Deaphoretic pour -Lechs, Orions, and Garlie, may also be uped with animal ford; they Momulate the Homach are Diwretie and Diaphoretie?

Lecto M Nov. 1106 The Consiments more generally Imployed, are Satt. Vinegar and Sugar. Latt is most univerfally temployed it is the most safes and least aft to hall of the Consiment It has been dais to be antifeptic, But this Seems to be Contradicted by its being infed with vegatable, and that Carnivorous Ani-= mals are projoned by it, the here it would Seem to be most necessary, whereas is is very upfull for Grammivorous animals and the hufbandmen often gives it to them, and Sure it Cannot here alt by any antifety - the Quality. It is very properly Employed with Vegetable Jood - - Animal food preferred with Satt is rendered hard and firm, and Confe-- quently Difficult of Digettion -It thimulates the thomach, promotes the appetite and the Exerction of the Gathin Liquin It has been said to produce Sourcey but we have taid before, that it never produces it alone; Salt is very proper for perfores trous - bled with worms, Sartaularly the Tape worm, as it has been found to kill worms out of the Body, this is Confiftent both with

AZ Keafon and Experience, I has also been Hecommended in this City, as a specific in Shiting of Blow, I made trial of it in one lafe, it afforded no Italij, in another the Complaint was relieved, but this I athi-= buted more to the use of the other Hemide - dies Employed along with it In two Cafes I with very quat due - ceps - Vinegar gives a gratiful tafte to our aliment, thimulates the Homach and Ex-- cites appetite, It is Satiswarly proper with animal food that tends to Totocepetion, it is also upful with Vegetable diet, as it determines to the Rectour fermentation; and thereby fore --vent the bad Meets arising from the Vinous. Sugar Cannot be Employed for the Same length of time, and in Such Quantities as Common Self, anit down palls the appetite, It is one of the principle Ingredients in Vegetables, and In-Doed the Triniple of Nowifhmenet in them, arit is a very powerfull antifeptie and is very propelly Employed with animal food, In which it is bether than Common Salt, as it thender meat mon toluable Sugar is liable to undergow the Vinous and

Restous fermentation, and hence it is Capia? - ble of all the bad Effects of Respent Vegatables Therefore it is prejudicial for thep who are troubled with flatulencies, In igetion, and a prevailing heid in the Mornach; It is very ufefull wherever there is a Higisity or the Diffratition to futreferry - Many diffrutes have augen about It wholeformness-it has been Said to Occasion disorders of the teeth by its heid theking to and Porroding them but unjuttly, for whole nations live on Haijons which are more Respont with Iropurity. Fault of this kind are imputed to it oftener than it Seferver, Hot tear, Coffee, and the free up of Spiritous liquors may more juffly be herefed . There are two laufer to which the Early less of the teeth in this Country beens principally to be owing. The I is the Virifitude of the Climate, the al : : ternate heats and folos, Julyecting us to Cotor and Thuematic affections of the Head and face the 2" opperates Cheifly on the fair ver, they being subject to In igettions, and Dijoders of the Homach, which we know Jugar

Like Sugar has been aunged of Freduing worms, but it has quite a Different tenancy, at least it neither Contributer to the generation nor Augmentation of them, the Jines the Sugar the less Subject it is to the Rectous fermentation, the Course is More fermentable, hence the Course Jugar will be more liable to produce had effects, - Many have been Deterned from the use of fine Sugar, by the Quick-lime being Imployed in Tepining it, but not the least particle of lime Inters the Competition of the Sugar - The fine Sugar Populer all the good Qualities and none of the has, The Vegatables preprived with Jugar have the Same properties with it, trucht the Risis as Ginger which te-= tain their own; Vinegar Preferves havens properties different from Vinegar, Except the for this teafor they thould not be used by those of a weak Stomach ____ Having treated of Vegetable food, let us now proceed to Speak of Animat food ____ animal food differs from Vegetables food in many Epential points -1 ait is already of an animal nature it

Mequires only Solution and mixture to be A! Converted into our fluid, where the Vegatable Stands in need also of Ministation, 2 it is more Eapy of Digettion 8 It is more nowishing, and I this different to Inflamatory and puties Diathefis. The Configuences of a two free ufe of animal food, are all kinds of puties Jevers, Dysentey, Survey Le, Animal food is more timulating than Vegetable, It gives a Michen and Denger Blood, It Should therefore be avoided in Inflamatory Yevers, appopleais te. and by those who are Subject to hamanhayer, young perfore, Efficially Children Shoul wife it Sparingly These who are Employed in Mental Exerpises Should abstain from meat and live upon Vagetable The Solubility of animal food Differs according to age, the young being less toluble than full grown, By full grown, I mean the most = cording to Vipidity, and for this Teafor, young meat is les Soluble than ob, as it is more vipid; Animal food is more Soluble According to alhlefeency, for this teafor muttons Venifor are very Eafy of Digithion; and

hence the rear of fat meet, is the most Eafy of A seption, whereas the lean of proce meat is the inoft Difficult; Flesh is Sine Mirable according to alkaliney, Mutton & Venifon being most alkalifient are most Perffirable, Ciftees and fifthe least; Oitters and fifth from their Visity and little Alkalefuncy, are very Difficult of Digethin. and therefore are improper for those of a weak Formacto, but as they temain longin the Eystern, they are very Mourishing, But thout only be used by those who work hard or ufe thereife; The Solubility of meat differs also according to the manner of Oreging Boiles meats are tendered less tobable, but they give less thimulis, Roafted meat is more tobility, and gives more thomulus, and on account of its Meat that is but little toather is more Totable than that which is well one. because in the latter the oil is deperat = ed and the Voted parts are more approx. -imates, befides it is by being well Jone Tendered lefs Alhalepent and this as we have said before Contributes to Solubility

Fried and bakes mests are Henre 47 more Difficult of Solution. In more on the head of animal food in general, and for the Particular kinds of mimals Employes in dit, together with many furious and eifefulrements on this head I must the fair you to Do Cullens materia medica, who has treated it to fully, that it would be only taking up your time, to day any thing further on it -Leit gth Now: 111850 With is of so much is both in Meseine and Diet, that it deferver a particular Confideration. This Section Shall be on the Julget of Milk. Midh is of an intermediate mature between Animals and Vegetables, In all Viriparous animals there are Custain Glandulas Oul-- Stances Called Marrina, Sury differ from all other Glands in this leffrest that the latter Severte Constantly, the form en dienete only at Sathendar times, By thep the milh in Secreted - The lang of their Secreting only at Sarticular times, has been

48 a Subject of great diffule, There is a Com--sent between the Uterus and Mamma, owing to a Communication of blood Vepels, This is Evident from the pain and Swelling of the Mamma at the time of the Menthual flux - When the Epigaftin Artes -ries are Compressed, more blood is derived into the Manmary; Hence during Get -tation the breath swell because the graved uterus diftending the Absomen Compresses the Epigathie arteries; In the repation of the Lothice, the breath are also enlarged, which is owing to more blood being derived into them, The Secretion is olving to a derivation of Blos this the Epigathie arteries to the Breath, it is not owing to Sethne, because after birth the milk begins to be devited, altho Wir = mien then loofe a great real of Blood _ And there are Instances of milk being plentifully bevieted, when begives the dif-= charge of blood by the birth, women have left leveral frounds of blood on account The Secretion is Energled by Juction, nay there are inflances of with being secrete

Seveted in Virgins by Suction. of the 49 this is not applied to the Breath for Some time, or if they are not sucked the Milk will be left Infants Should be put to the break soon after Dilivery, to prevent offunctions, Cancers, and other Dijoiders arising from the tetention of the Milh -Milh Confifts of three parts, Oil or Ream while is like the Ugetible oils, and derive from them; a Congulable part which is from Amir = mal nature; and water in which is difsolves a Valine or Sauharine Substance Thep three may be procure deperate in the form of Butter, Cheefe, and Whey Milk has been Supposed to be taken up into the lacteals without Infering any Change but this is not the Pafe, it is Decomposed in the Stomach, Cagulated fermented and then taken into the laiteals; His not Sule - jest to the Vinores formentation, and hence not liable to produce Habilinies; It is not attended with the thirmlus of Ani--mal ford, It is huntfull to those who are troubled with an air in their Homach and to these tecovering from Intermettant April, Maris, and Human Milh me not To afectant now to Eaply Congulated as

Town, Goats, and Sheeps, The latter Contain near the Same Quantity of Gream, Coagulum, and whey, and are very hugeent-Human and afrer milk have been prefered to the other in Difeafer - after milk is not to Respect or Coaquelable as Cows, it Contains a larger Quantity of whey-Mary milk is Sime = las to apres - Thurnan mills is not loagulated by Tunnet, and, in boiling, but on Manding with Saperate into its parts; Safons labouring under difeater very ten give god Milk. There are Instances of Murjes taking Moreury untill their mouths were fore, and the Chill: Den not being in the least affected, May Some Murper have had the Venereal difeate whilft the Children Continued free This Confirms what I taid above that the Swieted fluiss are not a Cuterion of the Hate of the Humans, as they depend on the State of the Gland, The papions of the mind have a Confiderable effects when the Milk, In to much that Philoren have been thrown into Convulsions by Sucking an Angry Ninge - Some think milk is Severed from the blood, others derive it Imme= - diately from the Chyle - The latter Jums to by the most Inobable Opinion, from

Various Confiderations, It differs very Confix 51 - derably from the blood, - Blood is Justifient, wherear milk is Reefeart, it also Kemarkan - bly partakes of the Nature of our aliment, This appears very Evident by Some Paper criments made by D young on a bitch, whose milk he found to be more on less aufent, according as the was fed on Ani--mal a Vegetable diet, Vide young de laction Milk is peculiarly Roopted for neverithment being of an Intermediate Nature By boiling it is tendered less descent, and Con= - Dequently les Laxative - It is much better when who New, than when it has long been Drawn - The milk of Huminating animals is more Difficult Digethion than that of the others - Milh is Refeent pertaking of the mature of Vegetables, it is therefore very Servicable in the putris and Inflamatory Diathefis, for this Butter-milh beems to be rather better, as it is more Respent looling and lanative. Milk is very Servicable in hethe fevers, Human and afres milk are the left in Confumptions, In thispalls Tunnet whey is very good, This is the Safett Ternedy in

Internal ulcerations, in this Butter milk is also very uppela milh diet is not so good in the Gout, Officeally in as people, for in these it with often bring on other Dijoners which will prove fatal, Befives their Homachs being used to Mimulating food, it will not well give with them, the Gout is often A Conflictutional dif-= nois and Cannot be fured without lantine = - by Changing the State of the Humours -This is best done in young people, when the lystem is not two much weakened, and in these a milk diet, Accompanied with a proper up of trerife, and an abstinance from wine, and Venery, will be got great Service - A Milk diet is peculiarly. proper for the Survey, Sarticularly Coros, & Goats - Mills is very towerable when proifor has been swallowed, as it defends the Stomach and Inteffines farmits herimony, And is a very good Vahiele to Parry it off The up of it Should be Continued here Some time, as the poison bornetimes Lays his It is very upfull in diforders of the the mach, Diforders of the Bowels as Dian

- rhear, and Dysenteries and often Good by it, Officially when Boiles; In these disorders the natural mines of the Intestines is Abrad. = a, the milk by it Demulent and Gluca - tinous quality Supplies its place To render it more glutinous various Sub-- Stances may be assed - a woman near Ger--mantown, gained a great Mepute, for a Meppope Specific for the Depentery, whom Inquierry found the Boiles In I Sheet of white paper in milk Another Domettie meseine is 14 lb. of mutton Suet boiles in a first of milh an wank at one. Marth: mallow Homfrey root, or to give it the appearance of art, Gilm Tragacanth, or ariber, boiled in milk willalfs Traduce good Effect, all these act by their Glutinous and Demuleent Quality, Supplying The place of the natural much, as with when boiles in Coffine, it will also set in this manner, therking the too great and prequent dipharge of Haces Milk is also beft adapted to Change the State of the Human - For this Heafen it is of great here = vice in Scrophulous, Cancerous, and Vaneral Complaints Sect: 10

54 Set 10 1 Donie 170 In our last leature we finished the Confideration . I Sutrientia with an account of milk let us now take a View of what has been Said in the preceding Lectures ____ We have been that all aliment is withen Vegatable or animal, and that man was Defigned to live on both, this we proved from the Structure of his teeth, Stomach, and Intestines, and by the had Offects attend ing the Sale up of ather; and the avantages Il anixe diet _ The next Confined Digettion in which we found the Saliva Liquor Gathius, Bile and Sanvæatie juice, were of Confisciable Vervice; We look notice of Some Hypotheris Con-- cerning it, viz, that Some applibed it to a Sol-- vent in the Stomach, others, to Mechanical force, we showed that neither were Hight, this both perhaps were not Entirely rolig, the main it appear that Digethion was faired on in the Human Homach, by Jermentation, which was of three kinds, The Vinous, hectous, and Sutrepetion, which where provente from becoming two great by the Liquers above mentioned, but principally by the Bile, which acts by it Bitterness we

We found that Vegetables were more Mous -rifhing; in proportion to their Sugar & Oil and that they were more lafy of Digition and left nozious, as these were more Inti--mately blended; That a Vegetable diet was improper for flatulencies, Indigettion, and Cofficiency, arising from this last lauferand for Such perfores, as were Subject to Hysteric & Hyprochondine Diferen, that it product heart Burn, Cholie, Dinhaen, and Cholina Morbus, That it was very infefull wherever there is an Inflamatoly or putters Diathefir, That in the laft lafer Animal for was hurtfull, but that it was proper wherever there is a prevailing his ____ That animal food was more valuble than Vegetable, and that it was more toluble in poportion to its Alhaliney Helficity-We next provered to speak of Eniments, We found that the homata, were very improper for animal food, but that they were infiful with Vegetables We found the Crep; him and alhacia were the best for Animal Jord That latt was

56 and when pure tapitted purhefaction & That Jugar was Antifepties nowishing and Gethous worms, that Vinegar prevented hutrungy, and aprifted Digethin -We then Shoke of rinks, which we found weere of up to Supply fluid to the system, an facilitate Digettion. That wink taken in moderate Zunantites facilitated ligethin, but taken in large quantities himered nourishment We observed also that thisions perfores who prefered the thrength of the mind to that of the body, Should live theifly on Vigetables, which gave thought of Brigination -We neft Confidered milk which we found to be of an Intermediate nature between animal and Vegetable, We also pointed out in what fales it was to be given, and in what to be avoised. We also shoute what withs The next Clap we Confidend are Aftringents by which term we mean Such Substances, I as approximate the parts of the body, and Envient their Cohepin - aftringents are very various, They are taken from the

Mineral and Vegetable Hingdoms 31 They me defenced by their Corrugating and Contracting the parts, to which the are applied, The Vegetable Aftringents Strike a black folour or into, on being mixed with the preparations A Trong They Should be assimiltend with the utmit Precaution, as the Improper up of these brings in heiter fevers, Demalous levellings to Synonymines To adstringential, on the terms Roborantia, Conflingentia, Aretantia Indust - rantia, Confolidantia, Styptica, with regard to the Solies, with Regard to the fluid. Conquelantia, Inerafrantia He affringents Tatend their affects over the whole System, This has been Commonly aforibed to the Circulation, that the aftringent was take - en up by the blood, and by it Conveyed to the most diftant parts, where it fores-- duced its effects, but this will appear Enoneous, if we Confider that it would Take Some time to produce its effects, and if dipolies in the whole map of the blood, very little loule arife at any para ticular part, and therefore to produce any

30 Confiderable effect, large Luantities must be use, whereas we find that Small dops taken into the Stomach, will almost In-- Standaneoufly forodsice their effects, at the most diffant parts, We home are Ted to Conclude that afterngenth act on the Newvous System; a moving files, by this means producing their effects to Tudinly and at to great h diftance, and not on the Simple Solin or fluids. We know the fact, but we are ignorant of the Caufe, or of the manner of Officiation -Ultringents are Employed internally Haternally, in Hamorihager. With regard to their Exhibition internally. If a Hamonhage arips from the Suppression of Someonational Evacuation, af-- stringent ought not to be up, If it it from Some unafied fact of the body, it should not be Suppressed, untill the humans are bought to their natural Channel, after the natural Evacuation is restoned Small defer of afterin-= gents maybe given-Internatural dipharges becoming habitual ought not Judeanly to be Suppose, any unufual hamourhage ought not dichenly to be Supprefied, if the Serfor is Ha full

Habit of body, bleeding may be tomplayedy to give Wnew determination to the humour if this is not Sufficient Small dofes of weak aftingents may be used, In whing aftingents we should gain againft for= -tiveness, and for this Teafor Should Join weak Turgatives with the Aftringents -When an hamanhage threatens to brove fatal, Immediate Tecompe muft be had to aftringent, The throngest Sofiele Aftringent will be Necepary in this Cafe, If the Derfor is of a thong and Tobut habit of body, bleeding will be Merepany, as Such Therfore have generally Yelille Symptoms, but if this is not the Page and the hamarshay is owing to a Helacation of blood Vefich, bleeding is improper as it will Investe The hamarhage, and Afterngents must be upo alone, Recent hamanhages may more Safely be Supperped, than Such as have Continued A long time Aftringents Should never be used in hamarkage unless the laufe which forsdued them is Herrowed

60 The up of aftingents is doubtfull in Ha--moptor, for if it is Checked history the blood will be decumilated in the Lungs and pro-Educe Fire Mech, They though not be given During the paroxyem, but may be given Should not be Stoped, when they threaten Geath, which is below the Cafe -Aftingent act either by Contracting the Tolids or Coagulating the Thirds, in either way They may suppress hamanhages They are Sometimes employed teternally in hamanhayer, but Ithink they are of no great Service in this way, for if Ismall vefiels are injured, by lint and pressure will Hop it much Sooner, and if A large one A Ligature will be much lafer They have alf been Employed in the Cur of uleers, which head with Difficulty, and here they may be of Service, as they Contribute to the formation of good dus, and thengthen the harts, enableing them to write with more Cafe -

Let Whith In. Aftringents are als Serviceable in Gammenes as they not only prevent, but also live Sutreferey - an inflance of this you have in the Seluvian Bark, which is Complayed both Internally and taturnally, It has been pro-- posed to inject aftringent into the absomen. with a View of Guning Droppies, but this Practice is now defervedly Tijectes, for asthis Dipage is generally outing to a Telaxe State of the whole System, it would be in Vain to attempt to Strengthen the Lymphatics of the absomen, without at the Same time Strengthening the whole System, They are of no Service in the Hyprops vectoris and all truefted Droppies, - They Sometimes produce good Effects in the Unafarea; by Thengthening the Telane And Debilitates habit of Body -They are als ups in Dianhaus and Dye. - sentences, thefe two are generally Confound. Es, however they are Different, I Deanha anjer from Topiquation, in it the Stools ar pregnent, liquid, and of the Satural Colour,

12 it is als aumpanied with Gripings and bor - bougani. A Dysentery is Occapioned by puties Exhalations, in this the tools are not do Juguent, are slimy and frothy, accompanied with a Teneform, In the beginning also Dysentimes are generally accompanies with Fever aftingent. Should not be used in these Capes may be done by Rhubart, and Specemanha after the mobil matter is tramates, if the Discharge is still hept up by Initability and Debility, aftringents Combined with Opium produce very good Mech. Thong aftingents Should not be given, but the weak Vegetable ones in small Dofer - Oftingent have also been the commended in Evacuations of mucous as Gonowhea, and Flour Albus or Whites -In the fift stage of Gonowhea, where there is an Ardor Vina, Inflamation of the Uluthra, and Charles, bleering, and Cooling Meseiner are to be up. This even here vome ufe Injection of vacch: Saturn: which is one of the most powerfull aftringents, but this practice I think is very Imparper,

When the Inflamation is abated we may up aftingent sparingly, when it is quite gone if the Hunning sell Continues we may up aftringent with Safety - The Hour Albus generally Seizer Electy women who have born Several Children, and is very often the Caup of Barrenness- Hit hels Continue a long time, we must take notice of the Mules Jamerly laid down with Tegard to Ham - or hages. We must also Enquire wheather it is owing to an ulcration of the Wheres, or to larity, on to some other laufe, if it is owing to lasity which is often the Cafe we may - Employ aftingents -Aftringents also Existe the Exerctions, this may at first Seem Somewhat Strange, but if we Confider that the Suppression of Evacu ations, is very often owing to a weakness and Helacation of the parts, aftingents by the-- Storing Strength to the parts, will also ha-= cite the Tracuation. In this manner they act in the Chlorofis, and in Coftwoness, Whip ing from A weakened Teriffaltie motion of the Intestines aftringens

6 th Aftingent have been becommended in the Hotre and Gravel Tanpoieten and De Han have Said that the Una Maja which is a powerfull aftringent, not only mitigates but also Attentimes Comes the pains arising from the stone, whilf the Stone ittely was not in the least altered It has been taid that all the most famous Lithontrypties ever in up, lither were, or acted of aftringents of this I Shall Speak more July when I some to treat of the Virtues of Lime Water Le The use of afterngent in Inflamation is doubtfull, The Causes of Inflamations are Various, an Inouase and Action, and Straitmess of the Vepels, thickness and Stagnation of the Blood, or Some Exter = mal Himulus - The Hagnation of the blood may be faufed by a weakness and laxity, of the Vefile. Inflamation from an Encreafed action of the Vefrel generally take place in the young and thong, and have bleeding and the Anti-- plogithing method are Merefrary - In obver-- ple were it arises generally flom laxity, aftrin--gents may be Employed. In young people Inflamation. End to Supperation, and in ob to Ganguene, and in both thise Cafes

we have been aftingents are Employed ! Having now treated of aftringents in general and pointed out the Difeaps in which the may be Employed, we will proved to Speak of the Sarticular aftringents ____ Thefe are either Fofile or Vegetable, of the Vosaile there are 3kinds tatthy; Saline, as Metallie Substances - of the Earths there are three hilms, Boles, Clays, & absorbent Earth, - Boles Thefe are of little Configue. and I believe might Entirely be Tigleted, As they are Infoluble in the fluids four System no Effects Can be taperted from them, They have been Said to act as aftringents as the Contained other Substances, e.g. From But if we want to up thefe Substances, a Thould have Herourfe to preparations of the which are more lectain than Boles, If they exert any effects at all in our System I be : leeve they are bad ones, They have been accepts, and I think Juftly, of Sticking in the Olica of the Stomach & Intiffines, and their forming or derving as a Huchusfor Calculus Conventions Clays

Clays or Argillaceous Earths, are diftinguished from abbothent Earths, by their not Effervieing with Rids, they are now never Employed in Medecine, as they have little or no of absorbent Earths effervice with airs fall him and may be used where their is a prevail. ing alidity in the Stornach, They have been ups in Dearshaes, & Dysenteries; When a Dian-Than Rifes from two much Ried, which fre = quently happens in Philbren, and which is Defeature by the green Colour of their stools, absorbent Earths by nutralizing the acid may terriou the Caufe of the Diforder, but They do not act as liftingent, They are much Atener given with a view of purging the bodyare Sattendarly improper in the Desentery, we however, be them till preferibe in this Diforder; as the Calcined hart horn in the Decotum album Tharmacop Sauper trinking the the Miseine of No awantage Chalk has been ups inflead of it, but it Effects are Inconfiserable, and I believe Semicions

Of Saline Substances, the Trinciple and 11 I believe the only one that is an afternunt is alum-This is formed by the Combination of the Vitriolie Ries, with a particular kind of Clay, The Ulum we have in our Shops is utificially formed of this Clay, of this we have two kinds, the Toman and the Commonthum and whatever difference, they may have with regard to their up in Dying, there is Cortainly none in Medecine, When found native it is falled Alumen plumosum, Alum is one of the Safett and most powerful aftringent, as it is voluble in the plains fourdyste its opperation is very quick, and it act in much Smaller Dofer, then the Vegetable as it is ensued with a Tesative Virtue. may be Employed wherever there is need of an aftringent, Joined to a Delative, when Metallic aftringents, by Reafon of their Himulus are hurtfill It has been Employed in Inflamations of the types, an. it has been thought that the white of an Egg with which it is goine has dome Virtues, but the only one is that of giving to more Convenies

Exhibition, Where it is owing to Debility general bleding is permisions, where there is two much blood, topical bleering, by Espine a Lecher, will be Newpary, to prevent a Supture of the Vapuls At is very uffull in Telaxed and puties Cums, mixed with Sage Yea and Sweetines with honey to Servi as a gargle, In this manner it is all uped in anginea, from ulceration, and to good offert, It has been also applied externally, to dry up tarretions of the thin, as Exceptive Sweating under the Rompits, but its up have is very breeziones ___ It is also very upfill in woilent hamanhays of the uterfos, it is the Substance we Cannot Tely upon. Helvitius botaines a premium The Tenfion from Louis 12 for his preparation -on of Alum, He took Some Sanguis Draws. & metted it over the fire in a Ladle to which he assed as much Alum as it would take up. The Sang: Draw Sorved here as a Convenient vehicle to from it into fills, In The Sharma Taupen: Ending Tona Japonica has been Substituted to little Offert. for the lang: Drae: The method which I have found to be lift and which I generally follow, is to form it

into Bolus with Confer. Rojan from 69 5 to 10 or Even 15 grains in a bolus, to take one treey thour or had how It has been given in larger dops as 3/ every hour, but in this dop it generally truster Voc miting, and as we though Endavour to made nate and not Judenly to Hop hamanhages Small dofes ought to be prefered, it has been used in bleeding at the Mose, by dip = - hing a tent in avery thong Solution of alum and Stuffing it up the Nothis from which the blood liferer, to as to fill it Complextly at the Same time holding up the head and applying Cold Vinegar to the Jouhead and back of the Neck, It has been terom imended in the Colica Sistenum and Flow Albur. D'Pullen has recommended it in Dianhais & Dysenteries, where he thinks it will act, not only by its aftringent but als by its Antifeptic Quality, It has als been Said to produce good Offerth in Intermit -tant fevers, when Combined with aromatin and takin just before the fet Comer on. It has also been Recommended in Portinger fer ever, With regard to its effects in these disorder I can day nothing as I have never made a triel of it _ Lest.

To Lect 12 th Stow Chin Metallie attringents. I thefe the first is Capper . This is a metal soluble in our flines it may be Combined with Ries, alkalies, & neutral bath, There is very little Difference in the Ireparation, if any, thop with alha: the most stimulent, with mutal dall the milseft, and with the Muriatic Red the most powerful aftringent. Copper is a very poweful thimulant, and writer vomiting even in Small dops, which tenders the Exhibition of it very Difficult, As the Combination with shoutal Salta is the mileft, they ought to be prefered, It has been with very jour Sweet in Droppies, as it act not only as an aftringent, but also as a Divertie and Jurgative, It has also been Employed in hamanhays and Increased waena-- tions. The Toman Vilioli is used Faternally to Check hamanheeys, which it does not only by Contracting the Tolis, but also by Coaque lating the fluid, with which it Immediaty Comisin Contact. On account of its Minu--lating effects, it is very Difficult to Exhibit

Exhibit it internally, Boyle recommendill The Ens Veneris, to the given internelly to Hop Evacuations, but Jine his time Thysicians have thent more time in dif-- puting about the preparation yit. Ithan in making trials of its Offically, Somehave Jaid it was a preparation of from Boyle? himself days it is of Copper, It may be procured in Payettals, in the following man -ner, Dipolite any quantity of Roman Vitis in diftilled or hain water, thereto adothe If the Val: Vol: Amo: untill it is Saturated after which pour on highly Techfied the Vine; untill nothing more will precipit tale, after which pour of the fluid; and elegant Amall Sapphin Coulered Projetals Will County - We have in their all the advantages of the other preparations of Boyle, s, and never any of the Man - riate acid mixed with the Copper-This preparation is very upful in that Difease of universal Santy, the Tickets as Royle objected - Aftringent. It being I very powerful Aftringent. It

72 is highly Antipafmodic, and has been used in the thillpsy with bucep, I my= self Temember Afafe in which it she - wede Temarkably well; it may be given from 1 go: to 5 frade up into A bolles, It is bett to begin with the Smallet dofe, and Increase it gradually, for it will beafin Manfea, Vorniting & purging. Boyle Tecom. = wends it also as an Anoigne, and Jays that it act without the Inflamable qualities of Opium Caperience does not been to for-Jim this - Boyle recommends Copper in peterhial Fever, accompanies with Subjut this tendinum, but here it effects me doubtfull, and it ought not to be used, untill the Mederines, that are generally found to butbe trued - different faill and then it may All the preparations of Copper dethory worms out of the body, and their is no doubt but they would provide The Same effects within the body of they Could be Estained in Sufficient Quantities on the Homach -

a Single drop of it Dipoleed in a Solution of ?. Ust alkali: was found to climit a Phil to whom it was takibited The Toman Vitiol has lately been ups in the London Hoffitals in Intermittants and fre -quently with good effect. The dop is from 24m to 19. Emether of Vitriol are in great the prite with Some Theisly in Sond throat, In the Angina Scarlatine of this Country, they would been to have done good effects, by the - mulating the James and promoting the + Exerction of mices, but in this their is no doubt but the Mercurial presparations are to be prefere, particularly Vurbith: Min Popper is often who in Gardnany to prevent The Hydrophobia, Confequent when the bite of a mad dog. The Physicians of Chenhagen leftowed great Encomiums whom iten this Intention D Contunnier the prefident of the Berlin Society, upwer us that it produced very good effects. The gave 3/4 of Copperfilings thewed on buttered Bread ath off of this Gentlemans Veracity but whether

The Dog was mad or not in thefe Cops is not Certain. Tofsibly as the difease is of a Shaf-- modie nature, with voilent Convulsions Copper may be upiful, acting by it antifpafmodic, and aftringent nature It is employed in External applications in ul -cers, where by thimulating the Vepels it brings on that degree of Inflamation that is necepary for the formation of good frees, It was employed by the Ancients as A significant, and Geharotie. Mercury is now more Commonly employed for this Surpose-But their are Ofer in which Copper is hafer --able to Mereny, and perhaps others where another Metal will answer bethe than either Dellen giveryou an Instance of a Difease, very much tefembling & dis-= eaf we fall the your in this mereing was found Conflantly to fail, but Copper always effected & Luce, This then Should induce every burgeon never to difinifs & Difficult when, untill he has trice the Vietues * Via D'Cullens Ma: Mediac Jom; 2 page 86

Virtues of Copper, and if this Yails he way It has also been employed as an Ephanotic But I would arife you to be Cautious in up ing Geharoties, for by the two frequent use of them for the Elmons of Jungous flethe a good wound is Converted into avery bad when They ought then to be uped very spar ingly- of they are Seceptary the bett Repar nations are the Mel. & Vingt. Rayphacum: The Spharoties moth Commonly employed are Toman Vitial, Burnt Alum, & the Red, and white Precipitates -As to the dops of Copper, taken Internally no Certain rules Can be laid down Concerning them for one perfor may take a large one when at the Same time half the Quantity will Vornit another The best way is to be - gin with small dofer, and mercafe them Gradually if Secepary hon is a metal of more frequent up then any other, it Combines with most valine Substances, and is Soluble in all his The Vegetable Ried however only Grades it,

but Estrate allite Merical Virtues. It may then be given in Sulftance as it will be for-Tode by the Ried in the Tring Via but this is always an uncertain Method, as it depends when the heis in the Stomach, which if the Iron does not meet with, it will produce bad Effects merely by its Mechanical action. . We has therefore better up some preparation it matters not which, as they are all posseped of Similar Vitues -When we want it in a Town, Lemerys me -That is the beft Viz to let water Hand W-- bout an inch deep whom for filings, by which means part of them will be Con-= verted into afine black powder, which may be Separated from the Heft, by Shaking the Vefrel, when the unconding filings will deperates from Combined with the Ries of Sea Salt is the basis of the of Martin of our Shapes. This will Combine with highly teetified Spirit of Thine, will form Dulified Mit of Satt, From is purely aftime - gent, without the Minulating qualities . I Copper, or the Verative, and Delevious

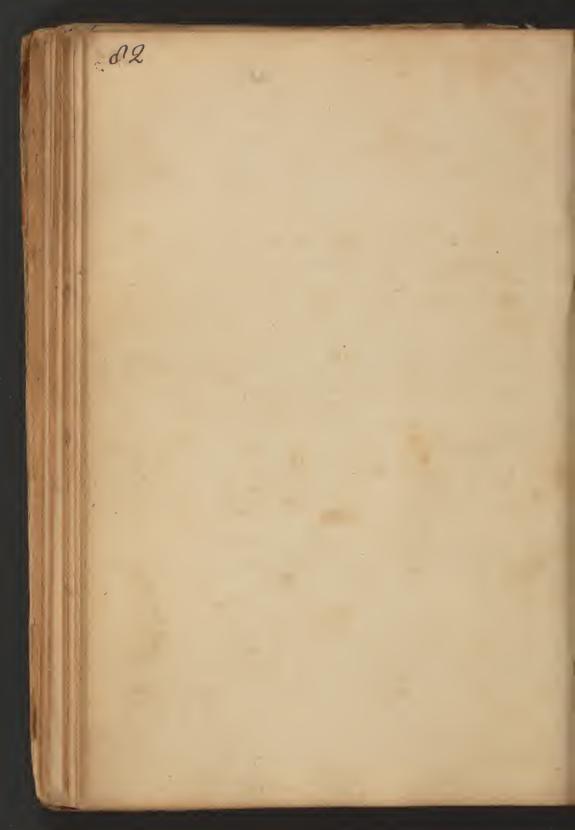
ones of Lead, but it is not as pourfull an Y' aftringent as the one, nowlonnich of an Antaj - paprovie as the other, On account of the Aftling - gening, it is Indicated in all lafes of Lauty and Debility, and in Obstructions proceeding from the Caufes It is also antispasmotic but but may be girles after it to prevent the Her turn, It is indicated in the Hysteria on these account, and never fails unless where there are offentions of the Vigera, and in thep lafer, Rombine Chalybs: oft with Magnesis It may be Combined with bitters and aromatic and given in very telaxed Jones of the Homach. It is improper in the Hypochen. - times in this, as it was Supposed to be of the Same nature with Hysteric, but they one very Defferent - In the Hysteric repair there is a laxity of the tolies, flatulencies, and a diference State of the Bowels, with loof Stools, it generally attacks women, and is purely Spafmodie it is generally Incidental, it is telieved by fell weather, hence it is not to frequent in the norther

as in the Southern Climates -The Stepochondriae Difease generally attacks perfores of A Melancholic Temperament, it is Ricompanies with a Tigitity of the Solis. (oftwenthe, and Sometimes Spafons of the abomen, but it is Selom purely tapmore, it attack people in the recline of life, is Commonly habitual, and is not do prequent In the Southern, as in the Mothern Climates, They both Sometimes occur in the Jame person From has been employed in Intermittants lef I stahl and his followers, who laying It down as a maxim, that fever was occasioned by nature ensurousing to throw one make from the body. and thought it not proper to diftent her in her opperation, and therefore wife the Derivian back but Maringly, They Fin-- played A very Subtle Proces Martis but is not Suppose it acted as other Aftringent, and Even Back ittely-It is very powerfull in Chlorofis, and Sup-- pression of the Menser, owing to this Caufe, Suppression of Mense, is not always

noing to Telaxation, but is Sometime y 9 occapioned by registry and Spafm, In These Cafer From in hurtfull, It is hurtfull in all Inflamatory Difeases, hamoptor, and all hamarchages, It is injurious in all ob-- structions of the Villera, and wherever there is to diffrofition to putrefaction The use of it ought to be avrised in Confump - the Hethoric habits, In Bilious dif-= eafer we ought not to use it trust in mall ofer, In when of the lungs & Vifera, it ought not to be given, tx-= refit very much dilutes, and Recompany =ed with a proper degree of Exercise In these Cases the mineral waters, which Aten produce effects not to be imitated by any preparations in our Shops, This is fer-Sainly awing to the Smallness of the Offer as they Contain nothing but how, and the thoughy impregnated Mineneral water Tellem answer to well as the weak ones which we Hefeet-How patient Cannot have the advantage of these, we may make an artificial

Of Africial mineral water, by difecting Gring or Gov. of Val. Mart. in 2 Quart, of water - Iron is also A Confiderable Vermi-- Juge, Chalybs ofthe has been Commonly Pine -ployed for this Surperfe, but the Vall: Mart: is much preparable, as it throughtens the Stomach, and Bowels, and prevents the future generation of worms, I generally give it from Grij to Gov. at a cofe, mines with a little molafrer, for Symp, not on-- by to Conceal the tafte, but because all I dweets have the sower of Deftroying worms, In Telaxations of the Stomach, producing flatulencies, Inagestion, and Cholies, Grij of Jal. Martis made into fills, with Venetian Joap, and Occapionally A little Ahubarb added, and taken todo or three times he day, Thave found to have very good effects. Int. Martin and all the other preparations of from, will give A black Culour to the Alvina facces. Luto

Lett. 13th 1785 The Subject of this Lecture, was the Virtues of Led, and its various preparations, and the Diferders in which it may be used, Under the head of Lead the Digave ande--count of the Colica Sistemura, which is most formmonly produced by Lear, He also in this Lecture gave with Virtues of Line, and the Kreparations thereof Lapis Calami Julia, & White Vitriol, which is A Composition of Line & the Vitrolie Ried This laft he tob us was Sometimes ufed as an Emetic in the Dofe of 3/1-For the want of paper, the particulars Couls not be taken Down, and on this Account, This Lecture is to Deficient -



24 Lecture 14th 1783 -The flowers of Line were fift who bight Glauber, They were next uped in Spapers-- die & Combulfine Difeafer by P. Gaubius_ D. Hart whon obtaining a Doctor's degree in the University of Leyden, Chofe for the Subject of his discourse the flowers of Line in this he mentioned a variety of Cafer, in which they has proved Sucrefiguel Defaubius The them in the Chineough, Theries, Hic--cough, and Spafmus Cignicus, this not always with Success, He sals they are particularly ujefull in Convulpie Enghs-They habe lately been who in the Binburgh Infirmary and it is said with Sweep in Gulepfyll I myself have made hiel of them in many Cafes, but they failed in all truefit one The Caufes of thileppy are Various and the Tipaje is often Inewable, It most prequently first appears after Voilent Agitations of the mind, Tarious medecines have been te-= commended in this difeap, Where it is not Symptomatic, but Dispathie, or when it is Therisitary the flowers of Line may ho = Que good effects, They

They are properled of a gentle Aftringent quality and by this may perhaps attenthe Constitution which is to be done by slow means, and we Sometimes find Milletoe, which is A weak aftringent, prove very Serviceable in this Oifeafer The Flower of Line may be obtain End wither by a won in They may be obtained in the following manner, Diffelie any quantity of white Vitriol in pine water filter the Solution, and to it and a pithated Solve tion of Sal. Fire untill nothing more their= - pitates; by repeated affujibus of pure water with not the Saline talte, you will then have it in form of a white infified powder, in Children winder 10 years of age it may be given in dofer of Gof two or three times Day, and the dop may be gramally Inc He are in the Next place to treat of Mineral Waters. But before we Confiden these it will be necessary to day Irmething on Common. Water Water is an Infihid, not Inflam. = able, Transparent, & This body, There Seems to be but one Species of it in Mature, Except when other Matters where, and are tafily deperable from it_ Chymith:

Ab Chipmith have even Supposed it a very simple, and Elementary production, It enters all other bodies, Metallies perhaps only Excepted, It is very probable that its fluidity is rwing to the quantity of hir Combines with it It may readily beformed into Earth, and Some have even Supposed that this Earth was formed out of water, and is Continually Envicajing by the waters Subjiding -Mater maybe reduced conder the Heads; Vim-: ple or Common, & Mineral Water The first is univerfally mixed with Some other matters, whichthowever are not to be por-= ceived by our Senfer - Mineral Waters are do impregnates as to be eafily discovere by our denfer. Common waters differ Confiderably from one Another, the method to Judge of Common water, is the Same with that to try Mineral waters, The most dim = ple methods are by adding A dolution of fixed alkali, or A Solution of Vilver, which are Precipitates by the O+ & ot which me ge = -nevally prefert in the Earth- Jugar of Lead is the most Subtile of any and very Yew

few waters will Stand the left of this, we can therefore only judge from the plus & minus. Specific gravity has been recones a teft, but improperly, as air diminishes it, and many Valine Substances have the power of fixing a large quantity of hir, The more air water Contains, the more powerfulkmen= - Strum will it be Whater is derived to us from the Atmosphere Rain Water is the pureft of all waters, and Can only be Imitated by frequent Dif--tillations, However it is not perfectly hime, Hail or Inow are equally pure, but as less impregnated with air, they are weaker Volvento than P_ Dew is another Atmosphore water, which muft be more impure than the former, as they never rife high from the Enth. We know they are more putresent than the former Rain, Inow, & Hailfall in the greatest quantities, on mountains, Henre are James Brooks, Rivers, & Laker, the waters of which Come nearest to the Ulmospherie, in Twity, by running

I great way they may be impregnated with various Subflances, the waters of lakes do not intirely stagnate for they general = by have Ime butlet, Imall lekermay however buffer forme Change and become putrepent, Riverwaters Seem to be very te-= nacious of there purity, and Are Scarfely affected with other matters - spring waters take there Tipe from viver waters, for they penetrate the earth, and afferward bleak out again in the form of frings Thep are of different degrees of purity, Those in the higher growns are more pure, than those in the lower, Few of them however. me Intirely piece Mineral Waters have afferded to Chemist. and Physicians of all ages, a Subject of In = -quidy, We Should therefore expect to find a for Account given of them and their Qualities Heithers, But as these have been mifreforefented graply, thro Ignorance, Defign, & Redulity, we must expect little from writers, We must therefore proceed on quite A new plan, and

Endeavour to determine a priori, To do this we muft first confider what matters may be Combined with water, and of what Quali-- ty these matters are, and then determine there Virtues, The matters that may be Combined with water, may be reduced to four head, - Jaline, Inflamable, Metallie, and Earthy Distimathers-1th Saline Matters, There are no acids in the Earth to impregnate Water but the OH or The latter is there in the formmon latt, in & fixed Amoniae, it is also found, but very rarely, It is prefent in Seawater, and Some Springs but Jeanely in it Simple States The Dimay be prefent in its deperate state, but only for Amoment, as it is so ready to Combine with other matters, The water that flows out from Coal mines, has more or left of D+ which is owing to the Signites deliqueping in the Air, but this is hardly to be Called a minuel Spring - The Vegetable Alk. is fortainly excluded, from the fapile kingdom, and therefore is not found in mineral waters- Volat: Alkali, has not been Aferra -taines, to enter into Mineral waters in

R. Seperate State, Get a Volat: Alhali has been obtained from mineral waters by the = wrate Chemith, but it beens the refulty a Decomposition of Hepar pris prefent there. Amoriaes have not yet been difes = - wered in mineral waters, The Jossile Al-- hali beems about univerfally prefent in mineral waters, I you Confider what has been Ini above, you will easily be that Glauber, and Common Satt, are the only nuethat which occur in these waters They are Selsom have but more Commonly Com= - bined together - Glauber Valt is not uni-=verfally prefent, as has been imagines, but A Composition of Or and Magnesia, Commonly Calles Sal: Glauberi Spuricum, har been Commonly taken for it; this gives us punging Valine waters, as at Throm, Thefe Waters from the figures of their Capstals have been falled Mitrons waters man and the second

Lecture the 18th 1785 Vily matters, Saphthair the only foforle oil, and we must therefore only expect this Sulphur, Cannot be Combined with waters in a Simple State But A. Combined with alhalis becomes toluble in water, bulphur - reover waters, Commonly called thinking waters, as those of Harrowgate in England, are owing to this Hep. Anil the A however is generally prefent in very Small quantities, and there fre the virtues of this water are perhaps not de Confiderable as has been Imajined their virtues may be reather owing to the alkalin Whether oils mine with Alkalis and forming Soaps, are dipoliced in water and give us Saponaceous waters is Still Deubtull_ 3. Metallies, the most metallic matters are Infolubly in the Rich prefent in the Earth lome are infolublig in their over, others te-- quire heat, the greateft hart therefore are Excluded - From is the most Common I may be Conoded by Reiss, and Valine Subflances, and is therefore prefent in Some Opings,

But rearely as it is precipitated by hon, hon then is prefent in almost every horing. Harely in its natural State, but frequently Combined with Sentral Valte Dipolices in the Dit Should be in the form of green Whiol, but we can hardly obtain it in a green Vitriel, this is because the Or is gemerally in a Volatile State, which is then Headily Turmpose, and then loses its power of hobing Fin Solution, As this Ried is rendered Volatile by air, hence the Teafon for their not being Easily hept This volatile Spirit has been alfundly Calle Minitus Mundi)_ Waters impregnates with I are found in few places, and by laying too of Soon into There lough the Copper is Precipitates, and the Iron Suspended. hence the name of Coment Water, Blue Ol, has been found in Scotland and a few other places, but very rarely, and this for the same reason as with the Green Ol. It is very remarkable that we fine no water impregnates with Line, tho it is Suffered by De, and is Precipitated by on 9, The White Ol is found Mative, and Line, is now found prequently in the Earth Serhaps

Inhaps nevertheless, Line is frequently prefent but there is a Difficulty in Discovering it. whereas & & of are early difeoured, The only true means to know it is prefent, is by takeing the Tefision, of the waters, and Comenting it with Copper, and thense producing that De Grelin has found Line prefent in one Spring of mineral waters, in Viberia 4th farthy Matters, These are very Copie oufly Sufpended in water, independant of Solution in acids. Calcareous Earths are frequently prepent these are intirely insipied, and are only discoverable by their Desiment, as all the Incruftating waters, These waters have frequently been up with Succepi in Calculous Cafes _ Magnesia Alba is als found, The earth of alum is Sometimes Journ, Pupilalline carther are undobtably prepent, at least waters deposit a Custalline Desiment, but they are never prefent in Such quantities as to give them a peculiar Quality Cay or angillaceous carthe is probably projent, in waters, effecially in those Commonly Called aponacion. Carthe Combined with Quand forming lastly walts give us different kinds

1. D' with Caleacen Carther gives us + Selenites. This gives us what is Commonly (alle) hard when - With Magnesia Alba, Sal Gland Spinium This gives us what are Commonly Called Michous waters - With the earth of Allum it forms Alum. this becur rearchy dipoloed in Water, as it is precipitated by AA; Befiles alum is aran production of Mature - Tixed Amoniae This be = con very rarely, and perhaps not at all, as the Experiments made for this purpop are Jeane Accurate trough - Mineral waters have A--gain been divided according to their Temperature into Therma & Reidula, but thep have no foun -dation in theonifty, tho'in Thysic it may have application, It would be in vain to attempt giv ing you any theory for the heat of the therma, for we are at this time as ignorant of the Cauge as our Ancestors were We Come now to the methor of determining the Mature and Composition of Mininel waters This is one of the most difficult things in the = mifty, To do it properly you though hay a Sarticular Attention to the Jollowing things I you thoug tramine the water at the head of the spring if Topible 2m)

I' The Situation of the Moring, the nature of the Soil, and the hills and Mountains near it, 3" It Six lible qualities, 4th Determine its heat and weight by the Thermometer, and Barometer, 5th Framine whether it Contains any thing Vilatile, If it does the Specific gravity is left, it will also sparkle at the head of the Spring, and when Shaken in Vepels, when enclosed in bottle, loveked light it is very aft to hack them. You may get the volatile part deperate by tying a bladder to the neck of the bottle in which it is Enelopes, and thaking the bottle frequently. After this loof the thing Hound the neck of the Blad-- der and Separate it, you will then have the Volatile part deperate in the bladder 6 th Observe the Changes it undergour, in open and Clop Vepels, and when applied to different degrees of heat, the Cupstals and Sesiment Should be tramined, 7th Inbject it to Deomposition, of this there are 3 kinds, traporation, Diftil-- lation, and Trecipitation by Certain Sulftances, During Deftillation you thould prequently Tramine the lefults - We judge whether

"It is an his or Alkali it Contains from the taple, and from its effects on the Symp of Voilet, aids will turn it Hes, and alkalis, - Green, - We Difeover & from the Smell, and from its turning Silver black, when East into it, If it Contains A Blie Earth, it will be Decompose upon adving a fixied alkali, a a Solution of & inthe OL Chalgbeate waters are Discovered by the gir turning black upon the addition of galls or any other aftringent, If the water Contains Qit will turn blue upor the addition of mus o xalis, by adding to that water, & is precipitated, - If you mix the Sediment of any mineral water with than = coal, and let it on fire, if it-Contains the leaft dottion of Or it will emit a freous Smell, - Latty we should make an Ini--tation of the water by art, i, e, we should and Such Sulftances to have water, as we have found the Mineral waters to Contain, If we Cannot by the addition of these matters perfectly smitate them, we may be for - tain, that we have not been perfect in our Investigation; and that Somthing

hath Epapier our Notice, The virtues of Mineral waters, have been teroned very many it would take days to Recount the Sifeafer in which they have been te-= commended. They have, as was Said above been mipeprefented by Ignorance, Defign, and fredulity, - Before we fan understand the effects of Mineral waters, it will be necepary to day Somthing on the effects ommon water, Cold water taken into. the Stornach, acts as a powerfull the--mulus to the System, and Determines very powerfully, to the Surface of the Body. It has been used by the Spanish, and Italian Thysicians In fever to bring them to a Crifis, It is also of Service in Chronic difeafer - By its Himulus it exister appetite and promoter Diget--tion, and by it bulk treperes the la-- pullion of the food, and Eneresper the Deritative motion of the Inteffiner, By it bulk it diftends the Vepels, and proves a this when to the Vafeular Sups = terr, when Carried into the Blood, and promotes

Thomater the Secretions, as the humours and all the other parts of our body are Continue ally Changing water will derve as a Conevenient Vehicle to Carry them off-The Mineral waters, popels all the virtues in Common, with pure water, and befixes thepe Some peculiar to themselves Those that are impegnated with acids or alhalis, are more Himulating. Those with Vila Ar deterrine mon powerfully to the Surface, and honce are of Vervice in Entaneous diforders, Openally the Ith-These Impregnated with Catherial or Vola-tile matters dit lighter on the Stornach, Those with Iron, or Copper, partake of the Virtues of the Metals thempelves, and may be given wherever they are Indi-- cated, The mineral waters are to be pre-- fered wherever we want to tahibit the metals in Small Dofe, and are willing that they should be excluded from the System in a Short time, The use of the Mine = ral waters may be prefitted in a much longer time, than we tout give the









Lect 16 11/8 5 99 We now Come to Theat of These differs from the Fossile in Several very material points -It They are not So quick in there opporation, 2 Their action is more Confined to the Time Via whereas the thimselves of fossile aftringents pro--pogates their effects farther over the System -3 They are weaker, and no Thysician will have recourse to them on any tregency -When we want a thong and Quick opperation they are Inferior to the Topile. The beft me-- thos of Exhibiting them is in Sulftance The reason for this is because we have no how - expell menthum to Extract them, We have Inge water & Spirit of wine, The James will not Extract their Virtues without Repeated Mu-: sions & Decoctions, and of the latter a large Quantity is Required, and after all the Imprey-- nation is Inconfiderable, Before Spt Vini limits the dop very much - Falston remarks that the Terubian back Ternains R long time in the Stomach in a Tolis form, and it is proba-ble other Vegetables do So two. Dy D'Puller days he has been Back thrown up unchanged of days after it Exhibition, but the Momach muft Certainly have been Difordered in this Cafe, In a flaid form they prap of more quickly, and are liable to undergow a fermentation while will diftroy their aftingent power -Wherever we want the opperation to be strong, Tudden, and Certain, we should up the fopile As-- tringent, - The Vegetable Aftringents are to be prefered for gradual Changes in the Conflictation -They should be given in Substance, in powders, fills, or Bolies. By a long and Continued up of them, we are aft to induce a habit of Cottinenes, we Should therefore Combine gentle purgatives with them, for this purpose Thubart is the beft, as it has Combined with its purgative an aftringent Quality - We Should not up Such purgatives as ten to refrigerate; for they will telax the System, and deftroy the effects of the Aftringent, - He now proceed to speak of particular aftringents, the opperation of which you will understand from what has been Said Above - If I Should be quitty of Some truspions in treating of these, you

Will be at no lop, if you Confider what I have already and, and as D'fullen has to fully bust-= ed of them, We will mention Such it have been recommended for Particular Difester, of these the first we shall mention is ____ Sentaphyllum a Enquefoil, This is a Timple and therefore no great effects are to be Expected from it, According with other Aftringents it may be of Service in weak and Teland Habits It may be given in form of Tea, from it agreeable it has been Taid to lune the Flow Albus _ This of times out of 10 is owing to a general or partial Kelazation, It may be upful by the -storing tone to the relaxed part, Diastrises te-- commends a decortion of it for the tooth Reh-Hosa The flower of this are a weak afterngent of an agreeable odor and tatte? They may be time - played in Tutied fevers, & Descentails, and also to prevent the tetien of Hamouhages Townertilla is a pure Attringent, It was inter in Intermittants before the Derwinian Bark was dif-= covered, as early as the times of Hippociates. and wherever the Back is now lifed -

It was generally Combined with bitters, for it was known that aftringent Joined with bitters were of Service in Intermittants before it was Odipovered that nature has united them in the Teruvian Back, It has been recommended for Dianhan, and Dysonteries, as well as other af-- tringenti - al Decortion of it has been Said to Trevent abortion, which is very often owing to relaxation and Initation, It may therefore be prevented by gentle aftringents - The beft me-- thosis to macerate 3j of Vormentil in tojj of Pob water for 24 hours, A Co O injupor of Af-- tringent, is always preferable to a warm one for the heat will often Change the Qualities of the Substances -Rubiori a Madder is a very weak Attingent and as Such might pap unnticed, It has been found to Calous the bones of Animals that feed upon it. It han been employed for the Krickets, but it is very Improbable that a Sulfane which Tenser the Animals which fee on it shiggish and heavy Should produce any Confierable effects its this Difease, Sattine generally per-- forms the line here the lot Bath is of very great service in it Mader

Mason has been tecommonded in the faundie, but it popeps no Virtues by which it foul possible effect a line, The Jaundice is almost always owing to Conventions in the Bileary Dut, It generally gours of Susdenly from the Evacuation of the Concretion, and the medecine which happens to be given at that time is recone to perform the lune, The line of the Jaundice is to be attempted by Solution. n transtion, We have notaget diponered any Temilies which will dipolice the Con-- bretion, tracuation is to be attempted by Emollient, Tmeties, & Catharties, by which the Convertion may be tapelled into the Intestines. I Shutty has recommended A Devortion of Masder for the Cure of the Gutta Tope on the pimples on the face Bistotta is a Simple and Strong aftringent It has been tecommended for the tooth Ruch and for fattning loofe teeth. The Soundness of the teeth is owing frequently to the Du-Bestort and others of this kind, by moderally astringing the Gums, will presence them and Consequently the teeth. Lapathum Lapathum or Dock kind. If these there are various kinds, but there within are nearly the Jame. They have been tecommended in the Seury, and Cutaneous Emptions. They have also been employed in the Itch, which has been thought to the owing to a horbutic habit of body, We now know that the Ath is occapioned by Small Injects, Called by Linnaus Retur, which are the Same soith those in damaged flowers, and that it is Inthrely Puticular, and Pan only be Cured by Immediate application to the part affected, A Domette medecine for this purpose is the Lapathum Bruifed and Infufed in milh or Cream for Its hours and applied tater : = nally. This I have been uped with Succep. Whether the ling-worm is oreasioned in The Same manner as the thet is Doubtful. It may be lived by the Expressed Juice of Dock .- Radix Britannius, one of the dock kind, has been up in the Source, all ill Consitioned when, and Parocthic when of the Legs, of which Mitolden gives an instance in a gentleman, who after

all other means has been tried, was fined by an Indian of an when in his leg, by ap plying it Externally as a formentation and hinking a Decetion of it. It often happens that after an uleer is diforifed · by a Surgeon as Incuiable, Some of Woman will undertake and perform the lure The medecine which they generally up is the Dock, which is possessed of an Rivinony with its aftringency, by which it Stimulates the Vepels, and favour the formation of food Sies. The up of it should be perifit-= et in Some Confiderable time Fedix or Fern kind The male form has been Muommended as an Althebornintie, Diareoides Employed it for the Tape worm in dofer of 3/1: a Certain french lasy obtained a per-= mission from the King for a fare the possessed for the take worm, which was found to be the Formy it has been ton-- playe for the fine of Richets, and all Majmodie Complaints, It is however only a simple aftringent Thukomaner

Trichomanes or Maiden Hair This has been employed for its dectoral Virtue and has been given in Syrup in Confump. tions. But it is now properly mough neglected. Muscus a Lishen him frows upon banen Hocks, I mountains, in Europe, and America! I have let it down on account of the Museus Sixidatus or Culmass which has been Tecommended in the Printough by Wil-- lis A man much Employed in popartie. but who on account of his Explosed thories is perhaps not so much Thered as he Deferver. He Candidy owns the Chin Cough ita dif= - cafe in which the Physician Telson, but the & woman toften Success, The Hemily they generally make up & is the Capmof, which is a simple aftringent without either tafte or Smell, other Aftingents have been Tecommended for this purpose, Burton Tecomments the Servi Back, but it is generally very Dif-Jult to make the Child take a Sufficient Quantity of it. The Chineough is not awing to any hermony in the Hurasur, for

it would then have been known from the Earlift ages, whereas we find it was not known infrance before the year 1714, It was probably first brought into Europe from asia & affica, It is Contagious, and has this in Common with other Contagioner Diforders, that a person is never afflicted with it but one = A Common Catarrh is often mittaken for the Chineough, but may be known pomit by the following Hitting of the Difease -The Chinesugh is Armetimes Accompanies with A fever, Sometimes not, It Comeson by Degrees, and is work tvery other day, Ithis at first dry, but after so or to Days an tre - pertoration of yellow thegan enfuer, after this the Difeale Inverages In the Vit the eyer Swim in tears, Blood very often guffer out of the note and Ears. the fit Continues untill a Vorniting Arifes, and if it should Leaf without this Varniting, it will from Teturn with Repeated Voilence, Often dinner if the Child is drived with the fit Houghing, it turns black in the face Sinks to the ground and is in great danger

108 Suffications, unless a Varniting is Excited by tickling the Would and facces with a feether, On advant of this the Phild Should never be left alone - As the Caufe of this Difease is a Contagious Miafmata; who have not get dipowered any thing by which we fan lither prevent or Pin this Dijorder. All our attempts therefore muft be to Valliate the Difordon & alleviate the Symptoms - When left to itfelf it will Continue for Ha 12 weeks, nay Sometimes for Via Months, and the Children generally in this lafe are thrown into other Dipoleis, Some An Carried of by A Hertie Jever, There are Afflicted with an Hampton, This Difease is Certainly of a Conventive and Spaf-- moder Mature of the Child is of a Robuft habit of Broy, bleeding will be necepary, and Emeties may be given on the dalls on which they find the propers better, In the begins rang we should Employ mugh, Campho: and other Antifragmodie, Men the Inflamation is gone, and the Dipale is become tegular we may give the bank, in Page the Phil's will . Eupmop or Some When Regetable Aftingent may be given.

If the difease is not lured by these means, a Change of air becomes absolutly Necepary and it often happens that the deale is Cared by Changing the Riv, even for A workene Lect right in ing all the unviene and heart fruit may be Mecones Aftringents, It is if no Confequence which we were, as the Virtues of all are near-- by the varner of these the olive or Tuna dylveftris is equal to any of the others, The best method of preparing it is by making a Rob, like elser tob, In Dessentery such mercines may benjer with hudely, as they are moderatty af - tringent, and at the Same time forcest Subrefaction The More may be employed in it to advantage. You by its Aftringency it Metteres tone to the Inteffiner, and also Corrects the morbi matter, and obviates the puties tensancy - The heart puits me not do hable to an active fermentation as the viveet, An Insufficient of the leaves of the Sloe has been tecommended as a Gargle

Gargle in Spongy & where Gums, and als in the Angine when owing to Whation. Berbery is an aftingent of A gratfull tafte. It may be given either in Juice Sy= - who, or felly, It is upfull wherever there is a Diffifition to putrufaction, Therially in all fevers, Dysenteries, and Pholeras, attended with it, Van Sweeten Germonens the Inner back as an Hydrogoga Jums Reacia & Hypocistis an hardy known at prefent, They are simple and have aftringents, and possess no virtues to renser them preferable to the others (atecher This is very improperly Called an Earth, as it is a Vegetable Soffifated Juice prepared from the furity the thekatalm Tree, It is an aftringent of Confiderable Micacy, It has no Arnell, and Tather an agreeable tafter It is derviceable in lacity of the Gums, also in Dianhau and Jonese Desenteries. It is the thongest and most powerfull vegetable aftringent, The Dofe is from 3/ to 31: -Jang

Janguis Draceries has at all times born Confidence as a proverfill Medecine in Check ing Hamanhager, probably from its being of a. He Colour, for we find it is not populed . A any aftringency, and does not deferve aplace in Meserine, its only up is to form alum into fills Hypericum famerly was much E/= turned in Mercion, By its tafte it appears to be an aftingent, It Contains a large quantity of an Eserchal Oil, in Small Ells, It is the powerfull diwite. The Oil has been tecommen, ed in Chileptie, and Maniae, Cafes, but here do not unserftand how it acts, the there are deftimories of its vertues in those Cafes Lysimachia Hai been recommended by De Harn in Depenteries, given in the Dofe of Bj morning & Evening, He days it Rured a Vecent Depenting in three Days, and an old ine in three Weeks, This mederine beems to be beft in als Dysenteries_ With regard to the ufo of aftingents in Dependences Physicians So not agree, the Difference in Opinion beem

to hise from their Confounding the houte and thro-- nie Dysentines, which however are Different_ The acute is always attended with a forcer and his - dent Signs of Sutrepency in the Bowels, Its Course is generally not longer than A week or hos The thronic is not attended with a Jever, The Sometimes with a Symptomatic one but this very rearly, it lasts for Severelmenths without any Evident Signi of Tutrepency, these Diferders are to be treated in A Different manner The acute is to be treated as a putie Malignant fever, with diluent and Ries drinks, gentle lanatives, and Anarynes at night, which not only take of the Initability of the Intestine, and the Veneforus, but also laufe a gentle Evacuation by the Vain, Especially when Combined with Operaco on Jant: Emet. which Inewaste the Deaphorstie Vitue, In the Chronic we Should first Endeavour to Mefton the Determination of the Shinds to the Shin, In this knowns are hurtfull, as the weaken and Helan the Intestines, which are already two much weakened, In this gentle gythingents Combined with gentle purgetives may

be upfull, by testoning torse to the infline, and Evacuating at the Name time the mortion matter, Aftingents are very hurtfull in the Rente Hantago is a weak aftingent, it has however been employed in decoction for Stoping Lamanhay D' Click days he has been harmanhages Suppresped by this, which would not yeil to Seemingly more powerfull aftringents, In Infufion it has been Employed for the flow Albus, Cellus recommon a Decection of the leaves for Confumptions -Boyle has observed Similar effects from the Expreper Juice, In this Country it is very often when you the bite of a rattle Snahl, and other Supert, It is used in Devoction, and Arantaplen tifully, while at the Same time the wound is Jomente with it; With regard to the bites of Serpents me may observer that if the bite is made in A Vain, to that the Venom is Immediately Conveyed into the blood, there is no luce, When the bite is in a Mujular part There is not Somuch danger, and it may be Qued by R formentation of warm water as well as any thing Elfe, The danger Confifts entirely in the misture of the Venom with the Blood,

If the poison has been taken into the Stomach, and afterwards mixed with the blood it is harm. - left, Thesis gives us an Instance of a gentleman who swallowed a glass of Oliper's porjon before the Emperor Monispilian, without Terowing any bad effects from it, The people of after and Ofice, when hit by a derpent, dichsout the Venory, and niver are hurt by it, ulefo they have Iner in their Mouth by which it may be faried into the Blood _ Holygonatum The flowers, leaves; and bernies of this, are of a very airid, and even perforais nature The Hot is Temarkably mucilagi = -now, with aftingency, The loot is used with Sources in harmonhoral Swellings and bleeings. The Dofe is 3/ boiled in milk log to loft and taken at once in the tvening When this tracuation is Critical aftringents are improper. But it is Sometimes owing to a habit of Cothveness, by which the Blood being prevented from Returbing to the Heart, in poured into the Cellular membrane and · their forms techymales, which are kept up by laxity, Here after we have Temoved the Cothweness, Aftringents will be very proper,

When the difease is become habitual, it will be dangerous to thech it when it appear but we may prevent the teturn thereof by a more ate use of aftringent, without any bas effects. Bedum is a moderate aftringent Combine with a mucilaginous quality. Breshaave Says 3x of the expreper judice has Rived the Dysenting, Boyle recommends it in the aptithe in children, It is very upfull in all Inflamations of the month and face, a Southire of the leaves has been ups in burn and Leales. The taprefies Juice of it is tecom tice of the leaves is used for the live of Corns, Some have Sought a teleif for these in Airis Substances, but this is very improper, for we know no live for Colors, but Inch as by obviating the hardness of the neighbouring hart, will diffrofe the Corn to fall out. and in this intention the Tesum answer remarkably well. Urtica when young is employed in food, A Duration of It is Said to fule the piles.

Un injusion of the leaves, is employed in Confumptions. The juice has been up in hamoptoe. A Remarkable property of the nettle, is that when Struck against any part, it exites an Inflamation, and belining, in that part. On this account it has been employed in torpid and Paralytic Af-- fections of the limbs, to truite the mufeular motion, This by Shysicians is falled Withcation. Viveus Quercus has always been farnous for the fire of the Gilepsy, When this is ow = ing to Irratibility & mobility, it may be fine - Ed by the use of Aftingent, and in this Cafe the Mifleton may be very ufefull, as it Changes the Constitution gradually by its Uf-- tringency - It is no whatter from what tree we take it, for the Virtues are perciply the Same in all, The Virtue lefider (heifly in the Back, the Doje is from 3/ to 3/ in Sub-- Stance twice a Day Wa Unst a species of Arbutus This ha. been employed in all (alculous Concretions and other diferens of the Rioneys & Blader, It was first becommended by Linnaus, & after him by Dr De Haan. The Jays it

over not Lipsohie the Stoney but mitigate, the frains, Enables the pratients to tetain their wine. it also fines all Suppurations of the winay. papeager, when they are not Venereal, Ittle-- leives the pains arising from the Store, tho Toes not Change the Stone in the least. Vorne times it intirely removes the pains, at ther times it tenders them Jolerable -De Slavers defe is 3/1 in Towder 200 3 times A day . - Thequently when the wine was fetil, purulent, acrid, and to highly Alha --lescent, as to Change the Syrup of Voilets Green, by the up of the thra Heficit was brought back to its natural Colour & take, The Symptoms attending the Home are not to much owing to the lize and weight of the Home, as to the bad thate of the wine Ruompanying it, for we find that persons Cornetimes have Calculi of A Confiderable . Magnitude, without feeling any Inem = = revience from them, and at other times perform are afflicted with all the pains attending the Stone, without having any Home in the Rioneys on Bladdel when

When the wine is fetis, pursulent, divis, and Alkaline, the up of the una usp is very from -per. It act probably by it aftingency, Teftoring the tone to the Secretary Organ, and En-Abling it to Secrete a healthy flind _ It is probable that all the mit famously - thentripties, and even lime water, act by their Aftringent Quality, for we frequently find Lime water Releive the Symptoms without Changing the Stone Thave been the thea Unsil thied in three different Paper In two it gave no teleif but tather oncreased the Sephptom, In one it gave Teleif, but The pains Eturned in avery Short time, It is Trobable that the relleif which was given, in Some Cafes which De Haan gives was rather owing to the tegimen Responded than to the meseine, for we find that the Symptoms teturned when the Verfour lift the Hoffital, and were televed Soon after they Came in

autr

Let ye 10th 170 Some are to heat of are, Cortex Granatorum & Lucicus. which are thong and limple aftringents. as they are Cheap and eafely produces, we may apply them in letternal applications, as in the housentia ani, in Children, The formentation muft be Colo, for when when warm it will telan as much on the one hand, as the medecines will aftinge on the other, an Injurion of the Somegranate gives us an agreeable Gargle, in a Telanation of the Would ___ ortex Simarouba was first hought into Europe in 17/18 from Guinea whove it is highly tateemed for the Cure of the Dysender It was employed in France in an Thisemie Desentery in 1710) with very great huiefs, I Employed it once with Success in R Dysentry that would yerlo to nothing Ittle At was popeled If no Returngalit qua Laty. When given it tacites Whufes, Vo -- whiting and a Deaphonefir. It is of use Trincipally in Chronic Desentation;

The Defe is Bij Boiled in this of water to the and the temainder divided into Godes, one of which is to bettaken every 2 hours It Virtue Rrifes from it Sudvific quality Refloring the Determination of the philos to the Skin, which is of great Confequence in the Dysentery Logwood is a weak aftingent, Infoluble infour flires, In devoction and Extract it is much Inferior to other aftringent, Thom all which I think it may justly be Ne-- gleiter. Galls are Excrepencies on trees arising from the Sunthere of Infects to lay their Eggs. In practice we Confine ourselves to those of the lak, and get them from foreign Countries Their Aftringency is twident from there Being prefered for the making of Ink_ They are Ternathable for giving out their virtue in Solution more Copionfly than my other Vegetable Rethingent, They may therefore be used in External applications, as its the Procedentia and in Philoren, They Should always be applied Cold, for the Men = -son above, Galls and Gentian, have fired Into the back _ which would not you'll even Vingu!

Tungus Melitensis is a Substance not known in our Shops, Linnaus recome mends it in hamanhages, Effecially these of the Uterus, It is thought poular to the Island of Matta; but DBrown definites History of that Island, He recommends it in all kinds of Hamanhager in Dops from Bj to Bij to be refleated at hos-- per Intervals, untill the effect is Produced, I have now finished Particular afterin--gents, and Shall mention Some general terms, which the they are not afthougents may accapionally Rit as Such_ 1. Ries, Upplied to the tongue they Contract, and forugate the parts, The virtues of the Hofsile acids are Similar, and they differ only in Degree, There is a Difference between the Vegetable and Fossile The Ve = - getable in Opprofition to the Jossile, is lia = - ble to ferment in the Tima Via, and to have it airs nature Changed before it enter the Blord, The Affaile Thimw--late the organs of Severtion, which the Vegetable Cannot do, unless given in large

large quantities, There is also Adifference between the Vegetable auts, The native have both the Vinous, and Rectous, former --tations to good through, and are therefore more, liable to be Changed then the fermented. The fofile airs are very proper in Hamanhages, Effecially when attended with Lever, as befiles there aftringent quality, they are Tofsef--et of a Sisative Virtue, bywhich they Diminish the Impeters of the Hhirt 2 Rustere Wines act by their acertity, They are liable to the Jame offections, with the Ma-- live Vegetable Reis; as they have generally undergone the Vinous fermentation butin -perfectly, and have Hill the Rectour to undergow, By thiring them their Reclity is envieaged I and they are rendered lep bable to ferment, They liney down very well as Vehicles, When A Phoice of wines is to be made, the Ruftere wines are to be driftered in Some Cafes, as were we want an antifeptie This, as in the Dysentery Ter winess; are very proper, that they are not Athingent, but when

given in large quantities, generally prove larative, 3" Bitters, When Evacuations are owing to relexation, may by giving it temporary tone to the flast act as lettingents It Secretives may act as aftringents, in thep ing Evnewations, when owing to Irritation, and Spafor by taking it off, and by diminish ing the impeter of the fluids & Balsamiis are Newned aftringent from there we in Energies discharges of the Union -many papages, as in Gleet, Gonowheas de. When given in large dofer they prove Lax-= ative, So that they Cannot be with propriety Keened afternent, I Conceive They hetten Gleets de, much in the Same manner as Cantherises, by Inflaming the Minary paf-- sages, to which they have a natural tendancy Exsulants are not attringents, By this term we mean such Substances as Mosorb marthere on the Surface of the Shin-In this purpose every dry powder may be employed, Powder of Chalk, Boles and Plays, have been used but these form a hard

Cout with the Mucus, Valencal is the left as it abforbs the mucus better and is not So aft to harden, Exsiciants may be Em-- played, when perspiration is so envierged as to become Dipagrecable. Here it would be improper and even Dangerous, to Check the Evacuation by Aftringenth, but Excuents will remove the Dijagreeablenes, without obstructing the Diffication, They are Trifley-- es in tilfypiles, an affection of the tete Mucofum, where they do not act by Expelling but by abforting the Rivid amueux, Swhich Rauger the Defeate to Spread over the Neighbouring part, When this diferder is Confined to the Extremities, There is not much Danger but when it attacks the Head, Hace, and Breat, it is oftentimes dangerous, in it Tepellent are not to be upes, left they Should thisw it on Some of the Viscola, and Paule it to prime fatal, Catmeal may be weed to abfall the moisture, which let does best when ap-- plus in a Cloth _ Whe have now finished Aftingents, and will take a Short Teview of what we have Concerning them_ We

He observed that astrongents where such Substances as Invieafed the Chefion of the Solis Subres We observed that they acted on the Newousdys--terry which is Evedent from there producing their effects in a much Shorter time, then possibly could happen by means of the Coulation We found that aftringent where indicated 1th lacity of the Simple This, This we Ob-- served was generally a Conflictutional defect, It may be products by the two long application of Emollients to any particular part, in the Wickets, and whole the parts have been overfletched, 2 In debility of the moving files, 3 In encreased action of the Solins, when owing to Initability, I In encreased Evacuations of Blood, Thefauser of these may be tesered una -der three hears, I Debility, and Telaxation, 2" Mobility, & Initability, 3" Increased Retion of the Heart and Arteries, In the two former ashingents may be upfull, in the latter they are huntfell, We Should always em--play the least timulating aflungents as Alum, - When we takibit them to prevent the Teturn & Hamanhages, we Should Employ the weak legetable ones

5. In when, to being on that degree of Inflam. : mation, which is necessary for the formation of good Tus, b the particular hims of of Inflammations, These we find might be owing as well to Debility of the Propels, as to their thength, It the former Uf tringents are ploper, in the Latter not at the Stoping of Hamanhager, beauduch & Confiderable Share in the wf of aftringents we will here Enfiser Hamanhages, with their laufes, and method of Cure A Hamarhage is an Evacuation of pure blood, from the Vept of a living body, thehl and his follower Divides them into active traffive They latter is always owing to dome tater anal and Voilent Paufe, The active is Owing to an Encreased action of the Vefsel, which is owing to Internal Causes, The active is either Prosinary or Tahandinary, The ordinate = ry, is wheat blood Comes from a part Uf-Lungs, theur, Ve The Patraordinary, inwhen it Comer from parts, from which it doesnot Maturally issues as the inner angle of the light to the finger to

The active are also divided into the Natural and Returnatural, The Retire ordinary, Matural occur only in Temales, as in the Menfer, and Lorhie which are nevertables Hamanhages, unless they are Inveged. The active ordinary, Reternatural one al-=ways moiled affections, thop of a Vangui-- nous temperament, are Subject to Haman - rhages, especially of the Lungs, hence these prequently die Confumptive, Those of a dang = - wine, meloneholy temperament, and buch as lead an Indolent high life, are also Subject to them, when as have watery tandations, and Breakings, out in the Head when young, are prequently houbled with Hamanhage, when old, Sartucular Seafons of the year Contribute to Homan hages, they are more frequent about the larnel, and Authornal Eninones, They happen at every period of life, in Boy Generally from the Mop, from 10 to 10 years of age, Men are more Troubled with Hamptailis than Wo-= men, from the 10th to the 35 year of age Women are Sometimes Seized with a Vorniting of Blood, generally upon the Suppression of Their

Their Menfes, the Sometimes not, Tregnant women are Sometimes houbled with this, The piles are Hamanhages, which delson ap--pear, before the Vigour of the body is gone off, about the 36 year, A melancholy tempa-Tiles, men being of a more Kerious turn of mind then whenen, are more Subject to them, Homen are Sometimes troubled with the fules During Regnancy, Women during Preg -= nancy ara subject to a Kamankay from the uterus, The Hamaturia, never attacks women and Selsom men, before the 60 year When owing to External Voilence, or Mones in the Blader or Ridneys, it is to be Confidence as Papire, A Hamanhage, Sometimes Comes on Suddenly, but generally it is preceded by by the following symptoms.

Lestro)

Let the 19th 1785 The Symptoms generally preceding Hamanhayes, are, a vence of fulnets and Vention pain about the part from which the Hamanhages is to ifue, The natural Exerctions are Diminished a pale limpis ory thin, Siminified Terffina -tion, I the perfor has any uleur, they become pallis, and Dijeharge little or no Tus, -A Lafitude, and an Averfin to motion, a Colones of the Tahemities, wind, and borboning mi, in the inteffines, Horripilatia, frains in the back, and Loins, often a Dimnep A light, and paleness of the Countenance, The Tenjeones enercased untill the Hamanhay breaks forth, when the Essation of the Hamanhay all the Symptoms, Territ, It Juguently becomes Periodical, and Teturns Daily, Mons. by yearly de, The Trediffering Caufer are Various, the Anteresent may be refered to two Heads, I Such things as Juddenly encrease the Circulation, a Voilent bodil Exercise, thong impressions on the I fit of a fever be

a Sartial Rethona, which Recedes Al-= most every Hamanhage, It is owing to a Congettion in the Vefsels, this Congettion is laufed by a general Nethoral The Causes of general Stathora may be Re-Queed under 3 Hears; I'it is owing to an Enerease of Mourishment, while the Evacuations Continue the Same, for as there is more taken in than there is far - nes off, The Equilibrium will be Deftroyer, To this head may be refered a large Quantity of Arumal ford, Therially when attended with Indolence 2, of Dimunition of the Caretions whilft the nourishment is the same, Here we must Confider the Quality tather than the quantity of the alament Thur Arimal food being left Terfpirable than Vegetable, will be more likely to produce plethora than the Vame Quantity of legetable for, and Cyster, and fifth which are the least Terspirable, will most Teadily Quation it -

The food young Animals has the like effects, a want of thereif, may also be Herones a laufe under this Hear, for without the fluid are not niver on with Sufficient thought, and hence Congettions are formed in the lefsels, and the Serffination is Checker, which is also Oceasioned from the foll and manisture of the atmosphere 3rly a Suppreprior of usual Evacuations, to this may be refered, an advanced perior of life, for on this we find the Tramation, by the Shin is Suppresped, and Inwardly the Merefer, a Stethora may Rrife from a Diminution of the bout as the Lop of A Limb, for by this the blood which was formerly Carrie to that part, is Carried into lothers, hence we often find Ha--marchages arife from the Loft of a Limb, a Varial plethora may be occasioned, with = out a general, an Thereafed Pittibution of flieds to a particular part, this may Arife from, It The growth of the body, Thus Sofore Suberty we observe hamanhan

most frequently from the Mose sarifing from the head (cating to grow, and the Same Suan. tity of Blood Hill Derived to it, During Inanhood we most Commonly offerd Ha--manhages from the lungs, In old people the perspiration being Supprefied, the Puis is Derived to the Ridneys, hence in of people the dipharge by inine is greatest and pequently hamatinia, Inhoung people we observe the arteriors, in of the Venous Pathora, This arises from the Diffe rent Strength of the Reteries, When young They are weak and lax, but when we belome Higis, and are endued with greater thingth, hence they propell the fluids into the Veins, Tody, Thus a wrong Conformation of the Thorax which is known by high Shoulders long neck, and nanots theft, will often Ocea-- sion hamoptoisis, for here the lungs are Smaller, and as the Same quantity of this mutt pap throther in a given time, as their the whole body, it will be more will privice fules, a desentary life

A debility of a particular part, will fontie -= bute bery much to hamanhager of that part, for as the Vepels in that place melax they will not be able to refit the impere - this of the blood, hence Congestions will be formed, 3. Total, and partial Atimuli derive a greater quantity of fluid into the part to which they are Tapplies, then it Commonly Teceives, under This head may be Teconed Paleulous Concrete - one in the winary papeages, and hardened Jaces in the Techen the first produce Ha= = maturia, the Latter Hamanhoids; Hamanhayer from the Uterus are often Occasioned by part of the Sacenta Ternaining and Leting as a Himulus -In Substances taken into the body, which have a tendancy to any pathicular frant will often Occasion Hamanhages, Thus Alors often produce the piles, and Diwreties often bring on bloody wine, and Diphonges from the uterus in Vregnant Women Emeties, will often Oceasion vometings of blood, when thong and uper frequently

5th An Increased action of any particular part, will also recasion Hamanhages from that part, by producing two great a Determination of This to it, which we find Hamopton mot generally arises from a Voilent Exertion of the lungs, in Declaiming, Vinging Ver And we find women who ufe Compulation two frequently, are subject to Hamaturie 6th Suppression of Evacuations, as Checking the Sufficiention, Suppressing issues de Preasions homanhages, by dethoying the balance and Equilibrium, to necessary to our bodys -7th Whatever prevents the Teturi of the blood thro the Viens to the Heart may majon Hamanhayer, Hence harsened faces in the Hethern, laufe the piles, by Compressing the lains, oth Infarctions of the Upera, are another lauge I homanhages, In they prevent the James quantity of Blood, from Esturning to the heart, hence legurgitation takes place and the Equilibrium is Dethoyed 9th Spafmodie Constructions of the tatemities often ouasion hamanhages and what-- ever letter spapm, as Cold morther

of the hir, Diftreping Senfations of the mind as Guif, Jean de, which often breakin piles, Habit Contributes, to Continue hamanhages how this happens is to us a miftery, but we know, that habit has a great share in this as well as many the Diforders The Ineximate Course is a testime of Vefalls or there Anathmofis, This may be owing 1 to Incrafed Cumulation, a To a Topical Plethora, Sartial plethora acting as a thi--mulus, is not Inflicient to produce plether it is generally accompanied with Spapm How a rupture of Vefile Can be preduced by plethora, is Difficult to Determine, all that Can be Said on this head is but Conject -tural, What to me appears Probable is that our frame is to admirably Constitues Ded, as to Gernove any Pothwitions James, In This purpose nature will make up even of the most Dangerous Expedients Hamanhages are always at hand to Aprift her The line of Hamanhages muft be adapted to the lauge producing it -2/-

If it is owing to a Calculous in the urinary papages, the live is to be performed by taking away the Calculous, of during Freghancela Hamanhage arises from the Jahis Stimulating the Uteres, we must diliver the Wiman! Lect the 20 th Independant of the Paufe, the live of hamarcha-- ges left upon three Indications, 1 To iminish the action of the heart and arteries, and to direct the blood from the part, the fift part is to be some by the antiphlogithe Me-- this, that is bleesing, gentle Laxatives, forting Dinks, Spare Diet, and an absence from light and Noise, I divert the blood from the part we Commonly Employ Dia-- phoneties, Combines with Opium, -Draughth of Cold water, or water impregnat -ed with heids, Clysters of fune Cold water, Blifters, Supping, warm Lediluvia, will all tend to divert the Blood from the fast_ 2 To give Confliction to the Tuptured Vefuly 3 To prevent the Letinn of the Hamen-= chazer, In both these purposes Attringents are Commonly Employed, Thefe

These as we vaid before are of this kinds, Joseph and Vegetable, - as the Jossile are more Juden and Strong in there opperations, they are hiefly to be Teles upon in any timesgancy, Those Commonly whe are the Suparations of Lead, and Srote, alum whey is allo ufed with Suc-- up in hamanhages of the theres; When the hamanhage is owing to encreased Ro - tien of the Heart and arteries, affringents Should not be up untill their action is Diminifed, When owing to Welazation, and writability, aftringent are proper when owing to Fritability, we though Com-- bine Opinson with the Aftringent, -(do may act as an aftingent, in Tatornal topical applications, Thus Poto water or Vinegar, applies to the fore- Hear on private parts, will Suppress a Hemanhay from the Mofe, aftringents are also of Service in External applications, thus an infufion of the Back, will Check an Immoderate Dif-= charge of the Tiles, To prevent the teturn of the Hamanhage, the perfor Should keep from the Occasional Causes, Bleesing has been tecommended, but it Should always

be in Small quantities, Topical bleeding may be very Vervicable, We Should to prevent the Itation, also up the weaker Vegetable Aftringents in Small Dofes Emollientia are Such Substances as telan the Higility of the Soliso, Diminish their Cohe - sion, and Introduce a larger quantity of morphone, All Substances Containing mustilage, Oil, or Water, are tmollients, Warm water will answer every intention of emollient, of the Intim-- las Emollients -Radia Althon is equal to any other, it may be applied Externally, in Swilling & Inflam --mation, as a Postice, it is a go uper Internally, An infusion of 3j of the Root, in Etjopwater is of great Service in Acrimony of the fances, This is also Excellent in Premie Pysenteries, with pains, and Giftings, Supplying the natural mucus, of the Inteffines, which in this difander is abraded, a Decochion of it is employed in Mephitic Cafes, The Lecotion is aday proper in voilent purging Occasioned by two Severe a Cathartie, acting as a Demillent, The Tost boiles in ted wine makes an excellent brugh for the teeth, to preferve

and keep them fleen, The root may be given to Philoren to Chew, when teething and is Treferable to those Substances Common - by given, applied teternally, it takes of the Plain arifing from Blitters, and the Decor -tion Arank plentifully, will prevent the Stranguary, which often arifes from the use of Blifters, - Wholies Externally it mitigates inflammation, maturates abeeper, and lemoves frain drifing from then Linfeed may be employed, in the Same Diforders at the Althon, Linfeed Teais of great Service in and Urina, Mephritic pains, - Coughs, Murify, and all Inflammations. The meal is Sometimes employed in Southiers, to Telax, materiate, and take of pains, Theyoil is not to afit to turn Tancidas other oils, It is used Internally, and in Chysters, in Calendons Cafes, and the Nep) shritie-Polie. Gum Arabie & Tragacanth Toppet nearly the Same Virtues, and indeed the Virtues of all the tomolhents are to much Alike, that we muft Determine The

the up of one in Duference to another nearly from Convenience, Robably for Internal uper, Jago, and Salep, will answer every good purposes and for takernal the Farknacea, of thepe a Souther of Breead and Milk, is perhaps Gual to any of the more Compound, Efficially if all or Land, be adoed to keep it moith, and to prevent the Jipsures of the Skin, which often drife from the application of timelhints, I Taid above that all substances containing water, oil, or mucilage, were troublients and that warm water would answer every Intention to which any of the others might be applied, this naturally leass us to the Confideration of the Hot Bath The G--felt of this are not Simply emollient, they are also Intiffafinosic, and may also flower Himulent, The up of it was introduced in larly times, in warm Country's, In Greece, and Rome, it was not only ups as fathionable, but also as a live for many Diforders, In The warm Countrys it may be upd with advantage daily, In the Pold Countries it daily ufe does not answer to well, But in these it may be employed with Confiderable

Rovantage in Mederine, We will therefore treat as fully of it, as the nature of the Sub-- jest will allow, In the fift place we will Confider its effects, and the manner of Opperar tion By a Hot Bath on Balneum, is Commonly meant, a Submersion of the Body in walm water, We do not take it in this Limited Jence, but mean the application of warm water to the body in any manner. Those may be two histor, Vishple, and Imprees -mates waters, We will here treat of the Ef-- Jects of Simple water, as those of the Impreg-- nate, are nearly the Jame The effects, of hot Baths are owing tog heat, and moisture, We Shall first Confidenthese Seper - rathy, from which their effects when Joines together may be known_ Water dipolices the mucus with which the whin is naturally supplied, and washes of all uncleanlikely ashering to it, It opens and diftends the pover, increases the Serfice--ration, and prevents all difeases origing from an obstructed Serpiration, It takes of also the Recimony of the Skin, which Causes difeases, It is evident that these

Week must be more Confiderable from warm water then Got, It also Nottens and telass the Putile, the effects are not Confine to the Surface of the body, for it penetrates the Scarf Skin, and Helaxes the Nerves under the Skin, which are Expense ellow the Body, It has even been supposed to henethate The Shin and Mufeles, and to Telax the internal parts as ligaments debut this appears rather Improbable, It may however be taken up by the abforbe - ents, and Paries into the internal parts, and Thus Telan Them, By passing the Symphe-- ties, it dilutes the fluids, washes away Recimony and prevents obthuctions The warm bath has been found to have good Effects in fevers -The effects of heat when the body are very - Confiderable, there effects are proportioned to the Tifferent degrees of heat, the Commin heat of Baths, in from 80 to 112 Degrees of take : renheit, Thermometer, I below no Confiderable effects Can be produced, and of above 112, the wfe of the Bath fannet

be Continued but a Short Time without pain Heat tarefies and expands the Third, and nerves, which by Sympathy produce an universal Heldrathin wel the Body, When long Sapplies it proves a howefull thimer -- les, the may on many auounts Super. - heje that theat is the thimselves to our body, after a person has remained a long Theme in the warm bath, we find the veins become turned, this is owing to the heat Expansing the Thirds, and te--laxing The orling, and by acting as atti--mules, Deriving A greater flow of flies into them - We now proceed to Speak of the Difeaser, in which the Hot bath is usefull By delerging and preventing lenter, by Owashling away arimorly, and Telaking the Skin, it Hakes of Difftuctions, and prevents Congettion, it is therefore good in all defectes of the Shin and Cutheal As it invecapes the Infenfible perffice - ration, it will remove defeater ariting. from obstructed Sufficiation, as the

Deprentery, Diarrhaan, and Coling Many Dif-Lorsen this not owing to offunded people nation, yet are kept up by it thepe it will remove, by it belaning, and Deterging quality, It will by this means prevent dipages aring from withinted humans as the Jenry, which Might probably be preevented, by the daily up of the Hoth Bath_ Many dipoders are owing to Contagious Miasmata taken into the body, by increasing the Telpie - ration it will larry off theje miasmata and Thus be of Service in all Contagions Difcafes, as the Dow, which the it will not ever of it felf, yet it will tender the line of it much laper to other temesies, It Kinders the body very bus= - ceptible of PoB, and therefore the upe Tofit, is much better in warm Climates then Els, but Expose the body to the air after Balking, and the Cold is to be avoised, Galen_ It takes of all obstructions in the Skin, and Cuticle, and is therefore ufeful in Thlegmons, and all kinds of Inflammation, Treefit the trippelus, By its energefing the Coulation of the Blood Jand promoting the Influx of the Nervous

Tower, it will be of upe in Ahophy, In these Accounts also it may be of Sarvice in Tar-- tial Talies, and twen in an Herriplegie, when not owing to a Congettion of Blood in the Brain, It it extends its effects over the whole System, it will be derviceable in Tizid Jen-Fons and Ligaments and in Contactions, It may also be of Service in Contractions of the Vingers and toes, by promoting the In-- Hux of the Nervous power into the Extensor mufeler, and Enabling them to overcome the Mejo flexores, The Hot Bath extens it effects to the Homach and Intestines It will therefore frequently Emore Majmorie Conflice tions of the Modernen, as Colies which will Atten yeils to this when nothing Elfe will I believe them, as there is a Confert between the Rioneys and the thin, by Encreasing the Perspiration, by the Hot Bath will take of Spafin in the Rioneys, and will often Teleive the pains arising from attorin the Meters It is a most Officacious Ternery, in the Rufter = rie and Hypochonoriae Difeles, A miligates Spafon in every part, Its effects are not

(onfined merely to the mufeular, but are Extended also to the Guenlar parts, His also uper in fevers, We will therefore in the next place speak of its whility in these Cafes Lecture the 21. The warm bath was much employed by the Ancienth in Jevers, Amongt the Morennys D'Gilehrift though recommend it and gives us Several instances in which it was when with Suprifing Awantage It takes of hapm, renders the Circulation Equable, Caupe a Derivation of the fluids from the Hear, A Caufer drowfines, and disproper to Sheep, it also promotes the Interpible Suffication. Sart of the water being taken up by the abjul. ents, it will act both as a Dilient and Atte-- mant, Visilivia are of great avantage in Topical affections of the brain, Delerium, and Subfuther Tendinum, regiveing the This from the Head and Brain Tediluvia are upfull in Colonep of the feet which they Teleine by increasing the fire -culation in them (Determin) Determining a greater Quantity of Blood to them, and Increasing the Suffication In Jeven Sufons Sometime, Void large quan--tity of frale limpir wine This is generally a digs of an approaching Delineum Vedilivia will releive this Symptom, It has been Common in this lafe to Cut up animals alive, and apply them to the toles of the feet, They act Vonly as warm water by heat and moisture, and the water ought to have a preference to this andwer. -up other, This likewife favours much of Accelty, and ought not to be uped on that account - Heat and moisture when Combines prove powerfull Emolhients, they are also highly antispasmodic, The Hot bath is not always to be uped in Inflamme - tory Cafer, It is hurtfull in Topical Inflam-Inations, as it proves a thimulus under Some Creumstances - Wherever fevers is owing to Debility, the hot Bath is very upfull, It is Particularly upefull in Herbous Fevers, and Such foliers as depend on univerfal Spafon, where we want a moderate Stimullus Combined with an Antipaporode Antifrafmodic - After (Fill Birth, women me Sometimes very Heftlefs, Here Opium is generalby given, and we cannot Certainly make who All better Temesy in Some Capes, but it Some times prover Ineffectual, and in the Cafe : the warm Bath will generally be fourier; The Bath is generally applied to the lower Extremeties, and with Propriety both for Conveniance and Reventage How the Spaper is generally thought in the feet, as they whe the most redricte from the Heart, and it may also be applied with more datety; Where the patient Cannot be moved we must employ formentation, This is beft done by Blaschets dift in warm water, We flould dureing the application take fare not to wet the Bis Clother, leaft the patient Should take Est, The application may be Continued for A half hour, how almore, as the Page Te--quires Main Vedeluvia Paufes a derivation and Tevuljion from the Head, they are for this teafon employed to preferve the Head and face in the Small tox, face Should be taken in this life not to let the patient Let two long in the water, least by its

Amulus it Should raise the Sulfe and quiken the Crentation, and thus prove the means of producing a more plentifull Emption The patient als Should avoid keep ing his face over the water, leaft by telax ing that part a greater number should break out than otherwip would -By taking of the Vigidity and tenfion of the Kant to which it is applied, it will Commerce - nicate its effects to those parts which Sympathize with it, here warm bathing appears proper to promote Mentenationmenfer, and liles - as the warm Bath Blood to the part to which it is applied it will the it of from other part, When there is two great a Determination of Bloods the Head, Vedeluvia will take it of and Carry it to the feet, and hence will be of Survice in De--lower, Lethargy de. Many however have Objected to their up in this Cap, on account of there stimulus, but this is A weak object. - lion , for there effects as Mimuli are not leve - lainly takended to the whole System

As some part of the water is abforbed, it will pap the Lymphatic Vefsels and Gland, and wash away Revinery, Dilute Hisisty, and take of Obstructions in, and Clean the Gland, Hence it is of upe in the Surphula, which is a Difease of the Lymphatic vefuls and Glands, By a bath made of Broths or other Nowigh. ing Substances, perfons have been Suftained in Cafes where Destitition was Obstructed. The warm Bath has of late been much more whee than formerly, The able & Ruterache in his Travels to Siberia observed that the heople upo it in that Me Climate you all Dipales arifing from obstructed Suffication with great ducep, and with a degree of Heat very great, Experiment were after this Indse in France, & England, to Determine the Degree of heat, which the Thuman frame might bear, It was found by Some Gentlemen at Lonin, that they louls temain in A Hoom heated to 210 Degrees of Farenheits Thermometer, of Minutes without any detriment, and Even that 260 degrees might be Submited to with Tolerable Cafe

This Shows that we can live in a degree of heat higher than that of our Body, The Contrary opinion was hell by Brownhawe & others, This would lead us to Conclude that our frame has a power of generating Colo as well as heat . The warm Bath is avery efficacions remedy in all difeases Ariffing from Postwelle Despiration, and in Susphur hus, and Venercal Capes -That there is a Confiderable absorption in bathing may be proved from an Alcount we have of Johne Sailors, who being Caft away, took to the Long Boat, and being Teady to perigh this! thirth, they either third accident on Defign threw themselves into the Sea, and found in a short time their thirth quinche, and had Herough to this methor afterwards whenever their were thirty Bay Salt dried before the fire, reduced to an Im--fialpable powder, quitted in a Cloth, and after being sprinkled with Vineger, applied to the Soll, of the feet, and worn day & night between the Stocking and the Ship, has been found to Helive A voilent head ach,

and folimets of the feet, which tefifled every other lemely, It was hais in a former Lecture that ratt was a powerful thinner -lent, hence you may be that it acts much in the lashe manner as the warm Bath, by it Stimulus determining the flow tof humours, and towerfing the five - culation in the part, by which means it brings on and heep out the Soffication in Confiderable Quantity, This was impart. es to me by a Physician who had for a long time been troubled with a Hear ach, me Colones of his feet, for which he had taken all the Medeines, that he has ever found He applied to the most Celebrates Physicians in Hinburgh, and Lonson, and other places, and was at length teturning home with--out any teleif, when he met with an of friend who primited to Cure him, if he would Stay with him I few days, he thend ufer the latt in the manner above De-- siribed, and in Brays home the Gentleman was perfectly Teline of his Complaint He afterwards the amminded it to others, who

Hound great advantage from it, I mystelf have He commended it in Some Cafes, and to good effects Thom this I would advise you never to Heglet the Experience even of ob women, for many Valuable Terrisies have been found At fift by Quacho, and Miterate People We have now finished the Confirmation of Smollient, and are in the Next place to proved to the Confideration of the Medicines which act on the moving fibres of which the fift (lap are the Stimulantia) Sect The 22" Stimulantia ___ These are Such Substances as Excite the Re -tion of the Moving files, and co not opporate on the goad files, of thimulant there are two kinds, the direct and Indi-- rect, By the latter we mean Such Himili as act on the organs of sence by which a Seruption is formed in The Senfo: Commi which by acting there determines the Nedvous fower more Copioufly into the whole or

A part of the Newous System The direct are Such as act Immediately on the moveing fibres, without the Sent Com. With regard to their manner of Opperation, Atmulants are divideo into the Me-- chanical, where there opperation De-- pends whom and fan be tiplained from there figures. And Chemical, were the opperation depends upon some peculiar property of the body with which we are unaequainted I Most of the Stimulants we employ are of the Chemical kind-The opporation of thimulants is of 2 kinds, It that which is Common to the whole bystem, and Indiferiminately affects every Stibre, 2nd that which it Confinedto Jome particular part - The action of Thimuli is Confined to the Herrous Lystem, We will here breifly day something on the Merves, as they are the frant on which Stimuli act, and as Monro has made Some Dipoveries on them wh throw great light on their Subject, We will not Touch The Angtonical Defription

Deferiptions, which unsoutherly you will have elfe where Monro, observes the human Species to have where brain in Susportion to there lize, than any other Animals, but not more Nedves, from hence he - Concludes that the beain is not merely formed for the Origin of the News, L but it is also the Seat of the mind, And from Some Monthous appearances of fatures being both with little on no brain, in which Nevertheless the Vital & animal functions were fave - ries on, he supposes that all the There -vous theray do not Originate in the brain, but that the nervous theregy is generaled all over the Broy -He found the Tiamater Surrounded every nerve to its ultimate Tamifications and it is Probable it downs the Varnepur-- pole to therm, that the Iniafteum does to the bones, Infects are not furnished with a brain, He Supposes the tone given to R limb by thimulus as fuction

friction is owing to the generation of the Newous energy in the limb, but this is not all foll there is a Confiderable Confent between the north and Vafen -- las Systems, by which a greater Iman = - tity of fluis dis Determined into the parts The also found that the Different Mervous James anathimofis, with each other by which Connections are formed between the Different part of the boy, insependant of the Brain, He likewife observed that ganglions are formed by the fibres of the Herves being muthally blendes, and Supposes their up its to generate the newtons Energy, The Herver towards then terminations run in a Serpentine form, that they more leavily admit of Difter-- tion, when the Mufdles act_ Thom what has been Said we may for-- clude that many difeases of the Hervines me Entirely partial, and that they do not Originate in the Senfor: Commune as partial palies, and hence that they may be farried by partial applications

That by the Anattomofing of the Pleiver withaut the Sent Com. Various Sympathies me formed in the Thoman boy, From a Tarticular attention to the Anattemper may we not be enabled to autunt for the Various Sympathies which take place, They Confiderations will tend to bariff all metaphysical teasonings, which of late have become to fathi--mable in Physic Timulants are indicated in all Caferwhen the motions of the System are Languis, inconstant weak I flow, - Honce they are Indicated, I Where the motion of the blood is Sudenly Stopt as in fainting te-2, Where there is A Miggishness of the Hurrann, as in the Cachery, as also the Chlorofis, a difease often ariting often Raising from affections of the Whous, but may also wife from a Shuggishnep, of the Humours, 3 In Gangieries when owing to an Oedernatous, Hypropie, I fachettie, States of the Body,

There gangiene is owing to Inflammation, and Increased action, thimulants the Think-- full, but when owing to a Diminished action Stimulants lare ufefull I In Intermittant fever to prevent the Teturn of the Cold fit, which is the - ways attended with Inertia -Stimulant are also Indicated in Place vous diforders, 1 th Particularly Palpier the Parifes of Salfier are Various, in Some Cafe Himule may prove hurtfull, But wherever a paly is owing to a weakness and Inertia of the hervous hower, Stimulants are highly upfull, In They are likewife insteaded in Vertigo, Athangy, Rhoplexy Le, Rhoplexy has their divided into the Johnquineous, and Serous, and the application of Himuli has been Confined to the latter, Some mention a third Theries of apoplery, which they Jay is owing to an Inehtia, of the nevods power in the Brain Here Stimulants are Certainly Newsay, of there is any Such Species, which

Very doubtfull, In the Sorous apoplery, Himulant may be of use applies Externally, atthe Diftance from the Hear, to Paufe a Tevulfion, from the Head, and in this manner they may also be Serviceable in the Sanguineous Internally employed there up is very don't full 3" They are insicated in Headach accom--parties with paleness, Roberess, and Langour of the whole Bory, Sarticularly when they are of a notwous natural When Headach is owing to Inflammation Himulants are Imphoper, When it is External, Blifters and Ather will give Helif Sometimes, but when it is Inter--nal, and affects the Brain, all our Month will generally prove Ineffectual Stimulants are likewife indicates in Hatuleneis, Referry, and Shafins of the alimentary Canal, which are Commonly owing to weakness, They act here by Sexuiting the action of the Storhach, and Whitestines

The Hysteric, and Hypochondine Difeater are often accompanied with Hatulency, Mapri Se Atimulants are therefore indicated in these Diseases, They act in these as Antifhafmodies, They have also heen we for the five of the Gout, of that ufe here, I Shall theak under the Head of Bitters Thimulants are Conhaindicated wherever the action of the Heart and Arteres, is hos Vigorous, Hence they are improper in all Hamarchages, Inflammations and fever arifing from this Cause But when these are owing to Debility, as is often the Cafe, thimulants are high -- by proper - By the Constant and long Continued up of Aftringents, the 1856i-= lity, and Fruitability, of the moving fi = - bres, are weakened and there tone at length Dethoused - We Should there-- for avoid the use of timulant as much & Offille for they will De-= they the tone of the Memach, and the whole Tystem, in the Inne manner as the two free up of Wine -

The particular thimulants are very numerous, D'Entlen has A great shume - ber of them, We Shall have only treat A thefe that deferve to be employed in melecine) of these the fift is Melifsa of Balon, The Virtues of this are very meonfiserable, and happily for the platient, as it is the Substance so univerfally employed, in tea for the Common drink of the Sick, an Infufin of it may be of Service in fever attended with Langour Lavender, an infusion of this maybe ufefull, in difeaser arising a owing to Thirthe Trigida, i, e, but as are herom = - panie with langour debility Heads - Ach te It may also be uffell in Themblings, Paralyte affections of any of the parts, & Dulness of hearing, and Sight Marinam is upfull in all lafes of Lahann and Debility, and is a how--enfull-Cephalie, It In upefull in the Extritous afthma, as It promotes Expectoration

Expedination, and is profresed of A gentle antifragmorie quality, it is the thought of the Class Except Marum wine Slysof and Tennegroyal, The latter expels flatulineier, and is a powerfult antiffedwhere there obstruction is owing to A Spafmorie affection of the Uterus They are both derviceable in difeases of the Breaft, which are not attended with fever, Many of the Mints have been Employ ed lin Medecine, The Sepper Mint is the beft of all, The water Mint may be employed with advantage in Vinitings, Hiccorps, Colies, and all dif-- eafer arifing from flatulency or a diftention of the Absomen by air, Hence it has obtained the appellation of the -machi, Sepper mint will Veleive ing to Shafin Jage in many Cafes proves a good terreManner, and for the Jame purposes with Balm, but as it is more efficacions temedy, we Should be Cautions not to Em-- play it were there is any symptoms of Inflammation Report to Minulant it is possess of an afternment Quality it affords a Concretion like Campehora Van Sweiten recommends an Infufion of it for night Iweats, which follow, and Aten attend other Difester, and are owing to Debelity, It has also been ufed in Tremblings, Telfies, Hours Shus de It is employed by the women to prevent Abortions, when become habitual, and is attended with good effects. Umbellifera of these are the following, Anife, Carraway, Fennel, Cummin, Town = ander, Hild Carrot, and Carry Carrot, The hart of thep in which there Vitue te-- Jises in the lease, The York of the following me Timeifeally employed througher, Saxifrage Loveage, and Stallan Hartwork, They are all Carminative or Antifhafme-die, afrift digethion, Teleive Head Rethe,

Rifing from Cudity, diffielt Statulenius, and fine Colies, and other Dijonsers, arifing from flatulency, Angelica has been hecounted Alexapharmic, in Con-Tagioner defeates, but it has no prefercence to any Deaphoretic Unife, and Finnel, are the most Towerfull, and most agreeable, A Tea of the Tieds is very proper for (hilbren wholy Meafon of When Deepeaning of the Migh ape troubled with flatheleneis, and grip--ings, They are much better then the Miritories Liquors generally given by Husper, The Wild Carrot has been employed in all-Paleulous Concretions of the Kinneys, and Blader, but it does not dipolouthe Home out of the Body, nor ale its Dinethe Vitues Confiderable, it deems however to act as an Antifhafmorie, mutigating the pains ariging from the stone of Gravel, which may be Confidered as A Shapmodie affection, and the Symptoms we know may be alivated by antif-- papmolies, -

The next order are the Silignoja, of these are Radiff, Horfe Radiff, Mitaro, all the Refi kind, and Survey graft Thise are all employed for the lune and The-- Lentation of the Seurvy, They are the only Himulants, which we can employ, with Safety in this Difease, They intresse the tracuations by sweat, and thine, and Concet the bad tenancy of our thirds Mutand Seed is one of the Safett and most efficacions mesecines, taken in a defe one or two Vable throught a day-Thom 3/1 to 3j of Mustand in poliver n insufion, will afford us an treellent met: The action of which is Confined to the the mach, without being extended over the System, It maybe worked off with warden water, in which Some muftars has been Infufed, It is principally of Service when we only want to Evacus = ate the Homach, Muftan whey is an Excellent Ternery in Lethary, a Serous apoplery, and in all Capes of Langour and Debility, as in the laft Stage of & Nervous Heren_

If the timethe qualities of Mustain does not take place, and it is carried into the Inteffines, it will prove purgative Some part of it will enter the Cuulation and it will prove a powerfull thimulus to the System in general, envicating the Secretions by wriste, Sweat de, Externally applied as in Sinapifores, they excite the motion of the Heart and Arteries, more powerfully and laufe a Derivation of Thirds from the part affected more effectually than Bliften, We may often apply Sinapifors to good Meet, when our patient will not differ Bliften to be applied, Sinapifins however ought not to be Substituted for Bafters in all Cafes, for in Inflammatory Fevers it is evident they will prove thentfull, Hope Rasiff is Speeled of Similar Virtues with the Mustand, it is employed in Infusion in Droppies, lowing to Debility, where it acts as a Directic and thirdulant, Astyrup It has been tecommended in Horoghes, how frep, and Sartualarly the Humoral afthona, all the Sillyunga are Tais to Temore Houfnes, they act by SimuHimulating the Mucous Glands of the hacker The next order are the Alliacia, Garlick, Onions, and Leeks, The Virtues of thefe are Similar to those of the Siliquela, Garlick, has been employed for the worms Externally in Souther, and is Said to hill them applied over the Maveland Joles of the feet, - Garlick is Directic and Diaphoretic, It appears to be very much like Apatetita, In the Catarrhy Serilis, a Difease arising from the Dimunition The Natural Veretions, by which means the Humour we thrown whom the Breaft and Lungs, all we land do is to Talliate the Dijoider, by Encreasing the Serffication, How this purpop Garlick and Apafoelida, is the beft medecines we can Employ, The Garliek Should be taken molning and Evening, and Swallowed whole, for by this its Virtues are better Cetracter, and it will more effectually Trove Directie, and Diaphoretic Garlick has been tecommended for the Home, but it has no effect Here Borled

Boiles or Toated Prions are Jaid to pro-= mote the Haluration of Boils and abeefus, but they will answer no better, than any other Simple Agreeable Murilage into which they me Converted by Boiling, for their actimony is all Distillated & Lect, the 23 The next noer is the consperse of the place of Hir, Sine, and Juniper, The virtues of these are nearly the Jame, and are owing to the Jurpentine they Contain, They are more efficacious according to the quantity of Juspentine they Contain, The Hi, and pine Tops, we very often employed in Diet Drinks to Jurify the Bollod_ An Infusion of them proves Dimetics and Diaphoretic, and hence is of Service in The Jun vy, emptions, and foulnefres of the Thin, These huptions are ewing generally to of thucked Terpiration, Independantly of any Impurity in the Blood,

It is of no Confequence, which Fir, we up as They all have Similar Vitues. The word and Beries of Juniper, agree in Virtues with the Fir, a Time, They are much employed is Sinctees, & Carrienative An Infusion of Suniper Beries may be given with asvantage in Spapers, and Colies, owing to Flatulencies, but it ought not to be used where there is any Inflammation, It may also be of Service in the Thuitour afthra, when not attended with Jercer-Yan Helmont Tecommends, them for the (Droppy, a Not of them may be a very good Vehicle for Divertie Heseines, with which it Consponds in Virtues. Un Inpufion of the Berries has been Tecom mendes in the Rephritis, & Calculous Con-- oretions, but very Improperly, as these are generally attended with Inflammation, a Spaper of the Bruch will Sometimes Somuch Refemble R fit of the Rephritis as to Deceive both the patient and Physi-Beries, will affer Teleif most Effectually.

And it was probably from Some Such lafer, that it folt obtained the Topute of being gord in the Rephritis, Improperly The next order are the Balsams which are Elinous, only Bodies, Provisions, and of a Confiftence between ointment and Oil, They get there names from their agree - able Odown, and their heventing Putrefac-- tion, They are either native or Phificial as also either Liquid on Dry Bals: Copailo, has been much employ Ed, for Stopping of Gleet, It does not and Some have Supposes, by any Aftringent quality, for when given in large Quantities, it affords an hullent Lazative It is tridently a Himulus, and has a Particular Tendancy, to the svinary papages, glack are generally owing to Debility Himulants therefore may Stop blech by giving R tone, and Freitling Inflammation, Bals Thaiba may finell Glest therefore by bringing with degree of Inflammation in the winary papages Sufficient to

Atop the mouths of the Glands, It ought not however to be afed untill the Inflam - mation has been Temoved, Thomisto Tendan - uy to the Uninary papages, it has this as - wantage, that it will Exert it effects without thimulating the whole System It is also employed for the Cure of the Hour Albus, which is often owing to A telesation of the Whenes, and this by it Contiguity to the Minary papages may be in Come measured affected, By allong Continued up of it we may couthe Diplate, even if owing to general telaxation. Combined with latt of Varter, it is Tecome - Glandular Iwellings and Offuntions, We should however be Carefull not to Exhibit it were there is any Fever The Bals: Jour is wer Externally were a Morve, Vendon, or Serieftensh, has been Injured or Lacorates Internally it is used from 20 to 20 Drops at A doft, to lernove the Colica Sictonion, and the July Confequent from it

It is employed in Conjumptions and Meers of the Lungs, but its up in these Capes in Southfull, on account of the Inflammation generally attending them, In the Titue - tous afthma it is employed not Im= -properly, as it will by its thimmher promote Expectnation, and prove Diw -netic, and Diaphoretie. The Bali: Tolu, is populed of the Same Virtues, and is employed for the Same Difeator, with the Very, Surpentine has much the Same Virtues, It has been Tecommend = ed in the Sciatica; when given in large quantities, and Serpfled in for A long time, It may be of Service in habit - wal leftwerrep, owing to shafm, and hence we find it given in Physters in Motherate Cothwenes, were it acts as an Antifhafmodie, Surpentine mix--ed with the yolk of an egg, has been Im-- played in wheen of the Intestines, with Sweep, A furnisation of it is Taid to be Service in the blind piles - Gun

Gum Guaiaeum is properted of Similar Virtues, it has been Particularly Tecommer De, in athritic, and Rheismatic Com--plaint, in the last it has even been Supposed to be a Specific, It act however by its Disphoretic quality, Tart: Fret. may be Combine with it to then then it action, By of it Dipolved in By water, and Grij or Grij of Vart: Emet: added will afford us an Elegant Ternery, A Shows - Jull of which may be taken they In 3 hours, to the who Cannot take it in this way, it may be given in Vills_ He Should be Cautions not to use it where There is any Inflamation, it is therefore Trineipally of Service in Chronic Rhewmatifind, and in thep it is Sometimes very Serviceable, Myrch, is as Txudation of Some Vegetable Sult Hances, Collected by injects like Bees, and by them Hardenes, up in the hallow Trunks of hees, Taken in large quantities it Stimulates the Stomach and System in general,

It affects the winary papages much in the Same manner as the Balfams, It was the Sulftance employed by the Ancient to Suferve their dead bodies, Externally applie ed it Hefift Tutrefaction, and hence is ufer in foul and Tutrefeent wheen, and to prevent and Cure Gangrenes, Internally taken it will not line Tuties Diferen, It has been Eleconed Emmonegoque, but it has no Sarticular Vintues, acting as all other the - mulants - Gurn Benzein has her - merally been reconed Tectoral, The Saline Substance, Commonly Called the Howers is Keened Temarkably do, but its use is Nather Hypothethal when given in the Common defe from Golij to Gro, We must give it in oofer of frx " or grxx, to oblaire any Certain effects from it, and even in this Dofe they are Inconfiderable The Sent Substances are the Woods of thefe the fift is quaition, This has Commonly been Tecones very efficions in Vinerial Cafes, but the effects appear to be owing to the Sweating and

Emaciateing process accompanying itup The method of uping it was at follows 3xi of the wood was infused or macuated in this. of water for Its hours, and then briles untill one half was traporated, The patient was put into a Harm Terra, and Drank plentifully of the Decation warm, and by this Imeans Treited A Sweat, He Continued the up of it for It Days, All this time he lived on a very space thin diet, Drinking frequently of the weak infusion of the word, It is probable that warm water would in this manner answer equally well, Vafrafias, has been employed in the Same manner and for the Same intention with quaine; the beft method of uping it is in infufior, a Continued up of it may be of Service in Cachery Hour albels, and Blother of the Skill Sarfaparella, was refed for the Same hurhofer and in the Same manne with Guaiae: and was frequently Combined withit,

It was however neglected untill It Indice again introduced lit into Tractice on the following Occasion, A Jungeon at london har Ince great Service in Venereal Pafes by what is falled the Liflen diet wink, The Reparation of which he kept a Seout, Many Conjectures were formed Concerning it, and amongt others it was thought to be a Decoction of Sarfafrarella, This was therefore tried and foline to be of Service framticularly in Chronic venereal Complaints, were Mercury had been previoufly giv--en, without which it did not anywher So well. Where a Valivation has been employed without effect, where there were alunpain in the Bones Vi, the Sarfaparella was found good, It is however much Inferior to the difton Diet Drink, for this will fine all veneral Complaints, whether Mereury has preceded its Whilition a nest The fortex Mezonem, approach -er nearfest to the Lifton Diet Dink

It is often fourid efficacions in Temowing Veneral Exoftofer, and pains in the Bohrer, Take of Cot. Mezer: and Liquorice Troteach Bing, boil them in 3lb of water untill 116: is Eraporate, Let the patient take This Quantity every 24 Hours. and in die weeks Stime hemay expect a fune, Had: Contrayera, has been reconed Dias - phonetic, and alexipharmie in Contagious Difeafer, It is also given in low Hervous fevers, to Support the lis Vita, and promote Sweat in Dofe , from 5 to 10 Grains every 2 n 3 Hours, It may be given to onle Bij without any Venjeble effect. and hence appears to be of little anouges but to Triffle with, and to Confirm the old wag, if it roes no good, it will do no Hum? He have now finished what Could be Muried, according to Batanical Amalogy. The following agree in despite qualities, Mirmatics. The Such Substances as foin to An Acid, Jungent Vafte, A fragrant From of the Agreeable kind, They are

All populed of an thential Oil, and specifi-= cally heavier than water, and are in Gener - nal Douctions of the Join Zone -Circumon is the most Aqueable and bett Endial timulant in all Cafe of Langour. The oil of it is very good in Langour and he - bility, aifing from Autumnal Intermetts He Shoul always thuse the oil that drips towards the end of the Process, It is prequent-= by added to Jurgatives to prevent the Spefms arifing from their use, It is also aded to Rhubart to mercafe its purgative andity, It is the Safett and most aqueable Stirneller, to lyingin Wimen, His also Carminative, and is therefore upefull In Children who are houbled with grip = -ings, and Flatulencies - When A Sup--prefier of Menger, is owing to Mafin, an Inperior of Cinamon is a lafe and Methial Ternedy Cloves, are more Revid and Himulating, The oil is Sometimes and to Himselating Miedecine, A Drop of the RiC is also employed in the tooth Ach,

To Dethoy the desplithy of the Serve, It is all used in Paralytic affections of the Jongue They are also employed taturally in Colies, Vomittings, and Hierups, They are ufefull applied to the Stormach of Infants when Troubled with Hatulencies, Wea of them may also be used in these Cases when they are not attended with Fover. Sutmego, when fuft and Tecent are dof = seled of a Sarcotie, and thepifying quality, From this and there afteringent quality they are upofull in Dearrhear, and Dyschteries They are also upfull in Debility of the tomach Mare is peopled nearly of the Same Virtues as the Sutines, and is a production of the Same Sepper when finely powdered will the taken unbuised, in a glaf of lum by the Country Scople, to prevent the told tot of an Intermittant, which it very often Doe, but if it does not the patient in Sure to Suffer for it when the Het Fit Corner ore .despentaria

Sorpentaria l'inginiana, is a powerfull Himulant, Combined with Some homatic Havour, It powerfully lefith Sitteface - tion, and hence is employed in Malignent fever In the beginning of these severs, where there is an Inflammatory State, Stimulants are hutfull, but in the Decline when the Constitution is weaking they become Me ecfrary, and hence Inakilitost is one of the Beft Himelies we Care Implay_ It is also an truellent Hemedy in hutumnal Intermittant, It is likewife an tacellent Prefervative against Contagious Difeafes, It is hurtfull generally in Vernal Inter--mittents, on account of the Inflammation which generally takes place in thefe, Inake Toot bea is very good in dictumnal Tumittants, This is the wife truellent in nervous fevers It ought only to be used when there is 16 Inflammation) It may however be employed where A fever in Combined with Inflamatory Intermettant hand . 9.1

It is refefull for the Planter attending Au-- turninal Territtantithe, A thongs apin of it is very derviceable for the Voilent Hiccorps attending Termittent, It is A Powerfull antifofitie and thoughy the = sifts dutrefaction _____ - Ginfing is in great often in Thina, where they think it will prevent and Lune all difeafer and holong life, they valued it el high, as to give 3 pounds of Vilver for one of this, it is however a Medecine of little or no Efficacy, It may make an agreeable and fafe masticatory much preferable to the More Nauferun Tollace, (afearilla) has been employed in putie, and malignant fovers, It has likewife been Teenfirmended in Intermittanto, but it is by no means equal to the Terriran Back, Digner, employed it in the Dysen - tery, Befide it Himulating quality, it il likewife Topsels of an Aftringent and Navestie Virtue, it may therefore proba-- bly be of Cervice in Chronic Dysenteries.

Lect; the 24th. (25) The next det that agree in Sonfible qualities are Bitters. Moinwood, this as well as other Bitters has been generally reconed Service. - able for Warns, butten nolgood foundation, In worms will live a Confiderable time in Bitters without Showing any uneafiness a long Continued up of Bitters, however by giving tone to the Inteftines, may pre-Intent the future generation of Worms -It has always been eftermed for its Directio Vitues, and hence has been employed in Dropey, This virtue may be encreased Confiderably by Combining it with Sal. Vart: An infofion of it Combined with this is me of the beft medecines we fan Employ in the Dropsy, It has been ups for the Give of the Jamisie, but fan have little owns effect in Temoving the Obstructions, on which this Diforder de-- pents, It may however be upfull by its litternes Sufflying the place of the Bile, a Decotion fit with Common Vatt, is om-: player Enternally in Gangrenes

A long up of it affects the eyes with an theely Muther, weaknep, and Inflamation, attended with Read Reh, Thefe effects deem to depend on its Marcotic quality.) Cardwin Benedictus, was formerly employed for Intermittants, where the back is now fiven, In the beginning of Intermittant, where back lannot be given, and infufion of Carduns benediction, may be employed to Arvantage Camomile was the fulftance most gene nally employed were the back is now, Before that was Dipervered, It popules all the Virtues of bitters, Camomile Tea may used with asvantage in Intermittant Memittant Jevers, where there is a ten any to putrefather acting by its antifeptie Voitees, it possesses This widther in Common with all bitters as well as of Pheeking Jermentation, Commit Tea is very proper to work of a Comit, as it does not Helas the Stomach Somuch as work water, and likewife with as a Diephretie Sanzy, in Said to preferve animal bodies from Rutefaction, The women employ it for the Hysteries, They also up It as a Bilivium to promote the Menthual diphage

It is Il Limitic, and is therefore employee in the Dropsy, in the Same manner as wormwood, The Sies are trecomed good for the worms, but are no better than other Bitters, -Change Veel, Contains a large portion of Albertial Oil It appears to be heating and Himulating, It is very upefull in thatms and flatulencies, sufing from noigetteon were there is no your Lepler Contuary, and Gentian me very hure bitters, Gentian is laid to thengthen the Momach and Kite appetite, a Continue up of it will deftroy the tone of the Homach, The Plast is employed in fiftulous wheers, as A Tent to keep open the lifes, and prevent their growing together, An Infusion of Centaury will answer the same purposes of Camomile Tea) Centuary, and Gentian are employed in Intermittants, but they are much Inferior to the Service Hark a howerfull thimulant, I have found it Serviceable in Cheeking bilions womiting, in Hemittant fever, when the

Amach was very wratible, and the Vomit ing would not yeils to the melecines generally given in Such lages, The dop is 13/1 infufed in haf a fint of boiling water, and twee table Moonfulls to be taken every 2 or 3 Hours, I have found it upfall in this way in Several Pajes, His likewife Said to be a powerfull antipeptie, but I have never Experience its effects in this way, The Gentian approacher nearest Hit in Virtues, all they however we much Inferior to the Jamous, Touvian Back This was first mad known to the governor of Loxa by the Natives He Communicates it to the Court of Chincon whole Lady lay ill of an Intermittant in 1630. Hwar by him fift brought into Europe in 1640, in 16/19 A Jupit hought a large quartity of it to lorre, where it was told by their Fathers at an Exorbitant price, and hence it the - Tained the name of the pepiets Banks It was however afterwards neglected

Untill 1649 when it was again Employed by Sir Robert Tolbat, who kept it A de-O=cret, and Sufamies wonders with it _ Loui, the 14, The chafed the Severt from Sie Robert for a premium of 2000 Guines, and Senfin of 160 Guineas During life vince which time it been univerfally employed, Good back may be known by its weight freshness, brittleness, and thining lippen -- ance when whoke, but the bett me the is by making to Devotion of it in Rain Water, when if the Devottion becomes Hed, and Deposits a white Diment Higgs, It is a bitter Combines with an Aftingent, joined to an avernatio, It does not aitby any Specific property as in Commonly Sup-- plofe, for its opporation may be Explained from its properties, and when it possible for us to make by act, a bitter Combine with an Aftringency Joines to an homstie. it is popule to the Bank, His upefull in those difeases, in which there is a lanual

General or Vartial debility, but is hurt -full in thefe attended with Highly, The-- thora, and Inflammatory Symptoms. Hence in Vernal Intermittants which are generally accompanied with an Inflammatory Diathelis, the bank is hur Hull But in Autumnal, which me attended with Debility, and Titrefeerey the Bank is upefull Then obstruction, are owing to Telaration & Debility the back is upful, but when they are Occapioned by rigidity, as A tolo vigorous action of the heart & Actives, it is heartful, The best method of giving it is in Substance from 3/1 to 3; at Rook to be Repeated every 2 or 3 hours, or oftener as = -conding to Merefity, In desortion or Infusion, it soes not answer to well as the opperation is not fertain on her by Stool, a wine then when given Tin Sulftance, and defeat our Intentions, the

The Back is indicated in all devisioned Shafmedie affections, which depend on Me= - bility, and Irrita bility of the elystem -It acts here by reftoreing take to the system He Though avoid the upe of it where there is any Inflammation, untill this is the-- moved Thur the (hin Cough may be live) by a Seriodical administration of the Back, On those days, in which the fever is Mode-= rate; but its ufe is very improper dun= ing the Paroxysm, in which there is a Confliction already former, and here it will do Mijeheif, The Back is alfourful in Jeriodical Polies, on Thilappies, which defend when mobility, and initability, the back may sometimes be of delvice by takeing of the Helaxation and leftor-Ging tone to the system, It is also of great dervice in Gangrener, that are owing to Telanation, and Debility of the Solis, no regard should be this here to The quantity, but it should be taken as often Cand in as large defer as the to--mach will Bear, from 3/ to 3; may

be given every the or 12 hours it may allo be employed in formentation Fac ternally at the arme time, It acti here by thengthening, and faciling the action of the Sound hart, and their Cauping a Seperation of that which is Mortified Gangrener are Cometimes owing to In-Hammation, and an encreases action of the Heart and arteries, here back is high-: by Improper, and Reidulated diluted him me the best terricies -Inflammation as was Said in A former Lecture, may be owing to a Velaxation and Debelity of the Solis, in this Cafe the back may be employed with Rovantage, But where it is owing to an Enereafed action of the heart, and arteries, the ufe of the Back is everently highly Impre = -per The principle and mats Unieverfal use of the back has been for the Cive of Intermittant of Vernitant fevers. in which it even has been thought to be a specific, It virtues however manifeftly depend upon its bitternet formbined with Bitten

Bitters, and Aftringente have in allager been employed for the (un of these disorder, and I have as I Said before Jeek a Mix-- ture of Galls and Gentian, Cure andnter = mittant, in which the back has been tried to no Surpose - Vanous opinions have been framed Concerning the Cause of Intermittants, The Ancients placed it in a morbid matter within the body, exciting the fit, and thought the Tipeafe was to be fund by trainating this morbid matter, But this will evidently appear to be ill founded, if we Confider that the difease may be fured without any Evacuation, as by giving Anosynes before the fit wheat forme on, and that Evacuations alone will not - Cure the Difease, Emeties do not Aurthis difease by heacuating the Contents of the Homach, for we find they will answer as well if not better, where they do not provoke vomiting, as when they do and the Back does not enclup any Evacuations; and get performs the five

Others place the Paufe in an Accumulation and lenter of the humours in the latieme Vepels, on the Shin, But is quite the Come - trang, for we find buch an accumulation takes place in the Vijera A third opinion is that this dipeafe is A newous affection, with a Shapmodiction - Striction of the Vefels on the Shin, and hence places the lauge in the Nervous System This Opinion been most probable, and many argument may be adviced in fawour of it, The medecines employed to Pure the difease are of an Antispajorodie nature, affections of the mind will often Come this Difease, They will also cometimes produce it, Nervous fevers often become intermittants, and Vice Verfa, come have endeavoured to place the laufe in anonestia of the Nervous fluid, The Tegular Teturnof the Jaroxymons, has afforded R matter of the-- ulation at all times, Many opinions have beenformed to account for it, I ome have lately attempted to do it from habit_ This however will appear false if we confider that to Kenser it habitual it

mitt have Continued for a Confiderable time and that fuftern (and Regulate the 1 mis gon Terosysms, These however are the most been more inegular, whereas if the teturn was owing to habit, the longer they Continued, the more regular they though become, untill they should At length become as Conflant as the motion It Clock The back thould not be uped in intermittants, untill we have the the this to the Skin - Emitin generally present the Pahilition of the back to produce this determination to the thin, which theywill more effectually so if A dof of Laudaneum be given after they have offered It is likewife upfall to premise nutreal Salts as Diaphoreties, In general we may observe that autumnal Intermitts are more tediors then the Vernal, The Autumnal are generally attended with putil Symptems, and the Vernal with Inflammatory, The back is beft Calculate ed for the Rutumnal, as Soon as a perforis Sized with A fit he should be putto Bed, During the Cob fit he should wink nothing At all but if he has a naufer and Inclination to womit, he Should encourage it by dinking warms water -

by which means the thirds which before were herumulated in the Vifere will be Deter -mind to the Skin, and these Televethe Parraym During the hot fit he Should Drink Richer - lated Dilited Drinks, During the Intermit - vion the patient Should avoid the upof all Such things, as tend to Repigerate His Diet Should principally be Animal Brother with Vigetables well looks of the patient is troubled with flatulencies and pains in the back, and lains we may give a gentle Jurgative of the Javery for in the fifth day, is not work than the pleceding, the Succepive Parosym become milorive may expect our patient will have a Speedy Heivery, Therially if Enophions appear about this time, under the not and about the lips, and the wine Deposits of Cateritions de-- diment, of our patients is weak and the Da-- roxysms, is long and Voilent, we Should make no rely but arminefter the back Immediately to prevent the following Varorysm, We Should give it in as large quantities as is Topsible The nearer we fan give it to the fit the more effectual it will be, We may order from 3/1 to 3j' to be taken every hour or half hour, We thould always give it in

Indeftance if possible, where the Homach will net tetain it in bulftame, we may employ 4º infusion in large quantities, After we harde prewented a Paroxyson, we muft next endeareour to prevent telapper, For this purpose the patient Should take a few dofer of Brike for Some time after the difease has left hims Especially on these days on which the dif-Todas up to Heturn Terfores Inhabiting a low marshy Attention, are more Subject to Melapses, then others, for these therefore & Change of his is Necepary, or at leaft they Thould longine themselves to the upper Ho= - vies of the house, Relapper are more Commen in Autumn, than in Spring twenty Hing that weakens and Inewater the body, will differ to them, wery thing of this kind Should therefore by Avoided, Intermit tents refembling ther difeases ne lure by the up of the bank, Vise Tipot The Back has been unjustly accused of Changing intermittant into Dropsy, Jaundine Vee

Leet. 25

Lecture 25th The back is employed with Safety, and advantage in Hemittant and Intermittent Fever, which are Rumpanies with a Twie Diathepis, (Reghorn) It acts in these as a powerfull an-- tifeptie. Whether it is upefull in public fores which are without intermission is Doubtfull, It may act as an antifeptie in the Time via, but as it does not enter the fireulation, it (annot extens it effects over the Lysten, (D'Hilary) A however we employ it in the beginning of Putind Fevers, it will prewent there future progress, It may als preferve healthy persons from the Contagion, After the Julivity has advanced and has entered the Circulation vegetable airs the left with acidated, diluted drinks are the beft temisies we can implay They may be accompanied with the use of the Bank, Here it will answer best in Infusion, Openially in wine; as we want its antifepte virtues without its Stimulat ing ones, in Camp fevers Newous presstend ting to Surefaction, when the fluids are

affected, Medecines which act on the Suma Via are not so good as antisepties, here Vinous In - Jusions or Decortions of back are most Proper Bark is als indicated in Hamoptoe, and other Homanhager, When thep are owing to an In = vicafed action of the heart and arteries the uf of the Bank is dangerous; But when they are owing to Helaxation, and Debility, the back is a date and advantageout terredy, It is employed to prevent the Return of homorrhages, which it does by giving tone to the System, and thengthening the Telaxed Vefsels, The back is an excellent Hernery for weak and feeble Constitutions, or for weakness of any part of the Body, Chewing to the quantity of an owner a week will be Sufficient in These Cases, It is also very propor in this manner for perfores who are Subject to Inflamations of the throat upon taking (do The back is likewife employed in bas uleur to Troduce good Lawrable Vis, It acts here by Exciting that degree of Inflamation which is Surpary for the formation of good Pur, -

The Bark is also employed in the Small Por, poro= - bably from observing its good effects in uliers, to make the Puftler fill, and bring the Diporder to a happy issue, We Should employ it care - by in the deforder immediately after the outtion of the puffules, Higworly be employed with Safety where the Constitution, is so much weak--ener and Lebilitate, that nature Cannot Strugle with the Difeafer but Sink in Contest, Here it will raise the July, and phosure that degree of inflamation necessary to broduce pur, In this Cafe Some Physicians employ wine, and even were there is h Dele--ium, - of Vetechia or purple Spots appear we must have immediate tecourt to the Back, Where an Inflamatory Diathelis, or two vigorous an action of the heart and Artories takes place, the use of the back is Certainly highly impresper, here antiphlogithing & bleesing, - The Back is by many uped in the Suppersalory fever, but its use here is Kather dout Hull This is occapioned by the pur being absorbed, and taken into the blood, The best method to Carry it off

by gentle purgatives, and employ his ninks and antifepties The Back has been employed with Succep in Surphulous Ines and when, These are generally owing to telan-- ation and flacidity of the vepels of the Lys -tern in general, when back is therethe of Service, by giving tone and thength- This howover is a diforder, often not to be lured by medecines, and hence the back fails Sometimes of performing a five The Back has been Faits to luce Cancerous Complaints, but very probably an uleer of a bad quality has been mittaken for a lancer, and it may be doubted whether the back ever Successed in a Cancer, On account of its Officacy in uleer, Some have thought of Fixtending the use of the back to internal ellers, and for this Heafon have employ = ed it in the Confumption, It must however evidently be huitfull in this late which accompanies it

It has likewife been Tecommended in De-- phritic lafes, but it answers no better then extales for the line of the gout, We Shall Speak of the use of this and other Meseiner in this Deforder Triferthy—The back may be employed with awantage in the Whet if accompanied with a proper Regimen and the up of the Colo Bath-This is a Difease in which the greatest relaxation takes place, and extends even to the bones of the Body, The patient fane - not expect ever to becover perfectly, at least with regard to Shape and figure, but by a proper use of aftringent, with the Colo bath Solid animal food, right dry Cold Ris, the Diforder may be Confiderably Eleined The Sharmeential treatment of the back has been partly dilivered abready. The Should give it in Substance if hof-= sible, and in as large quantities as the Homach will Bare_ Where

Where the patient either fannot a willnot take the powder, we may give it in infu = - sion, either in a watery or Spiritous di-= quor, the left briobably is wine Pob infu-= sion is bett, for by boiling it looper its aftingency, Blandy billion Tetain more of the Allingent properties of the back than those made of wine -The Estract has been thought to be of Superior thength, but the most that Can be taid of it is that it is Equal in Vitue to the back and therefore we must the back in Substance The Ted back is of more Efficacy than the Common Back, With regard to its den -- sible qualities, it is widently thonger, It appears to answer the Description of the Back fift employed in Europe which was of Superior Virtues to that uper afterwards, Dawnders who has withen a treatife on it think, it is The Jame back with the Common, only

that it is taken from ober trees, and here is thonger, in the Same manner a. Oak back which is thoriger when taken from old heer than from young, I have employed it ever Since we have been able to procure a pufficient quanti-- ty of it . I have found it fine Intermittant in a Short time, in which large quan = - tities of the Common back, has been taken to no Surpose, To not terollect westo have been difappointed in my tapeeta--tions from it, - a Most has lately been Dipovered in Surinam, which is Said to rival, or even to treel the Back in the luce of Hemittant, and Malignant Hevers- It is Called Madix Quaffiah _ from a Negro named Luajoi, who fift discovered it, from this it is likewife Called the Quapi Bitter, It is the Strongeft and pureft bitter in nature D'Harner of antique, Says it has been in-- played with Sulcep in all hims of Su-- the, Intermittant, and Territtant fover.

When the back had failed, The patients te--tain it better on their Stormach than the back, In Surinam the Inhabitants Em-- play it as a prefervative, from the Dange -- Hour remittants to Common there It may be given either in Substance or infulion from 3h to 31 for A Defe, it yulso its qualities lither to water or wine Then employed as a preventative it may be taken in a vinous Infusion _ Acrus verus or our Common Calamus is a Stimulant and Aftringent, It approaches in virtues to the back, It is profresed of more aromatic, acromony, and Epenti--al Gil than the Back, In account of it. Himulus, it is employed to Excite the appetite, and apoint Digethion, It is upfull in (holier, and flatulencies, arifing from Intigestion, It may be usefull in the Catarrha vinilis, and afthma Vitritafum, by progneting Expectoration, which it Fres by its Thimulating Virtues Tellepius days he employed A Decoction

of it in wine, for Suppression of thine with Sweep, It maybe of Service in Tanalifte affections, It may be given Combin = Eid with theel, in a Welline time of the Stomach - (hamapity, This with other bitters form the Gout powder, Commonly called the Duke of Portlands powder, because he published the Recipe, after it has lived him of a pain full Heridatay Gout, Jake of Aritholochia, Gentian, topsand Leaves, Germander, the tops of ground pine, and Centuary, each an equal quantity, Tedere Theth into a Jine power, Wham of this is to be taken every morning, and the perfor is to faft for an hour and half after taking it, for three months, after this the perfore is to take 3/4 of a Diam every morning for three month more, After this he is to take to a drawn overy morning for dix Months Longer, When this it will be Sufficient to take 3h every other moin = ing, This Course muft be Continue for two years before the perfor is to Expect any benefit from it - Bitters have at lall times been

been employed for the Cure of the Gout, even by the ancients, They diftingwithed the Gout into the Sanguineous, Bilions, and Vituitous, In the Sanguineous they used the Sancet freely, In the Bilions also they Bled, and in allem-- played Minutating, Griping Parges, afterwards they put the patient on a fourte of toma-- thi Bitters, which they generally gave in the form of an Electuary, with Honey, 3; R Day, In 12 months, with A Tunge Ruery 2n3 months. They did not however give these indiferiminately to Every Constitution, but allowed them to be hourtfull to those of a bilions, and upfull for those of a Phlegma-- the Constitution, almost all who used the Duke of Southands from die Apopletic, in a few years, after being freed from the Gout, as happened to himself, and many ther in England - Pullen remarks that the Same happened to 12 Gentlemen who who it in Scotland, & Gaubius te-= marks the like Confequences in Holland, and falius Aurelianus, takes notice of

The like offects in his time By the use of bitters, the tone of the Hornach, is Destroyed, and it Seems as if it was rendered unlapa--ble of throwing the Gent whom the tathemities and thus it falls upon other frank as the Brain, Instance of a Gentleman in hony The natural and Salutary appearance of the fout, is in the tubermities, in A topical Swelling and Inflamation, Mothing therefore Should be attempted for this, unless we fould at the Inmetime tradicate the Diforder This is not to be done by medeunes Something of the kind smay be done by a proper use of trereise, and a Must Hegi-= men, as a milk diet, This may Jone = Times fine the Difarder, but it ought on-- by to be attempted in young persons, and Those if a thong and healthy Constitution The horimate Cause of this Diforder has been long inquited after, Many opinione on have been foreering it, but none me Sufficient, for they will not account for all the Thanomena which occur

The most Trobable is that it is longed in the nervous System, for if it was lodged in the Simple Tolis in thirds, it foul not have Epaper the accurate inquieries made after it, This is also Supported from the difease being brought on by Such things as affect the newous deptem (Substances Conceles) and alphom the quick transition of the four from me fast to another Vice A Cap in London Med: Essays Leture 26" The next Subflances are, Sandelion, Indire Lettice, and Sureary, These have Constantly been supposed of a Cooling nature, but the no The Meafon, Than out uping them as Sallas They have been recommended of Refolving obstructions in the Liver and other lifeesh of The Absomen, Benhaave, Tan Swieten and others, day they have employed the tapreped Juice of Surry & Dandelich, with good effects in these Cales, The Danselion, and Succory me Topietsed of Vimilar Virtues -They Should be taken in large quantities

to produce their effects, and perfevered in a Confisorable time, a Coffee Cufifull 2 on 3 times The Day - Indian Junep in its repent Hate is very Reris, me if taken in large quantities, it is over Said to be Deleterious, Vineger is Said to be the best Antisote for it. It lefter its herimony, by duying, Briting, a Toatting, and is then ampleyed as food by the natives of this Continent When taken in a moderate quantity it thimulates the Stomach, Exister appetite and premotes difetion. In account of it. Diwretie Virtues, it is employed in Drep-- Sies, and on account of its pectoral Vitnes, in the Afthma pituitofum. It is likewife employed in Paralytic affections, both internally and Externally, and Sometimes in intermittant, from Gox to Gox Xat R defe - Master wort affords a good Mafte-- catory for the looth Ach, It is also employ--ed in Twealytic affection. The root fow-- dered is Said to line Intermittants Mire

Mixed with Hogs land it will live ting - worms, It is a very airis timules were Such is required, All the hinds of Onis are very heris, the herimony tefises prin. - cipally in the Toot The Florentine Oris is avery thong Enhine, not only laufing Ineving when taken into the Nose, but also inflammation of the Nefe and Head Internally where it proves a very thong Cathathie, it is used as an hydragogue (Vide Coinli med: Grayin Dropsy) The root is to be macerater in Colo water, which the patient is to employ as formon dink For this purpose all Common water Hag, answers very well, M Tolden has Journe it to be a very thing Cathartic, and Directic Wine is a powerful thimselent, The two liberal up of it is heartfull, by incusting The System, and diffraging to the Stone I fout, Hufe moderathy it exlites the action of the Stomach, raifes the Spirits, and banishes Sorrow and Cares . But

But after the use of it, the person finds himself Telaxe, and Debilitates, in proportion as his thirits were before Taifed by the up of it _ We are not to theat of the Common up as a part of diet, but of its virtues as holle-= decine, - hoperly aminingstored, it may prove an Excellent remery in many Dipeaper It is of Service in all Paper of weakness & Langun, It is of Levice in India = gestion, and weakout of the Stomach, in Mypochonoriale. It aprifts digetion by Centing the Homach into action whom its Contents, and thus we find nothing voorce than a glass or two of wine after it It is very good for hypochonoriaes, It is an Excellent mereine and formal, were the Strongth by Chronic Defeater It is also truellent in Some Jevers, Tevers are Divided into two kinds, I thop which are at-- tended with Langour & Debelity, and where the action of the heart and Materies is two weak and Low.

2 the Inflamatory, when the Retion of the Heart and artelies is too Vigorous, Under the Jornes we Comprehend all Mervous, Making --mant, and Putrid Flever, Here wine is Van Excellent Temedy, as it Hefifts Patrefaction excites the too languid motion of the Heart and Actories, and Enverages the Thought of the Sakent, Where Whiliary emphons appear wine properly adminstered, not do as to heat the body, is the of the best medecines witan employ. It is also very good to take of the left -lefrach, attending the Difeaser & Delinium and tedreft of the eyes, are no uncommon Symptoms, in nervous diferent, these are Ourafioned by A weakened Cuulation, Wine therefore by envicaping the Coulation will be of Service in thefolager, if it enverges the heat & Deleviurn, it is not to be fonte-= nued - Thine is also very upfall in the last stage of An Inflammatory fever, in which the attent is generally weak-In the beginning of Inflammatory fevers the ufe of wine is improper on account

of its Enveraging the action of the Heart and theres, which is aheary two Vigorous Wine is also employed with advantage in the Small Fix, where it acts much in the Same manner as the Back, With regard to the quantity to be given, one bottle a day will generally be Sufficient, but Sint per-- som as have beenufed to A large quantity of it, in Common, muft take more than A person who user it spaningly, or perhaps not at all in Common Deet, It Should generally be given in a weak Negus, or in a Deluted form, it Supports the Vis vita, & act as an antiphajmodic & antipoptie, Burgandy, Claret, & Thenigh, an the best Untifepties, The heating wines as Madeira, onthe , are the bett to preferve against Contagious & Epedimie fevers, of the upfullness of wines in Contagious diforders, There was a Temarkable In-- Stance, Juning the plague at Marfeilles, when the Physicians of the place being allead, it was necessary to order

A peth Supply from Paris, thefe thinking Jear was the laufe of the Contagion, Detter with wine, This they did, and by the placeans Ineferred thempelves; and as many others as would take the Same method with thempelves, There Treferration however depended more whom the antifeptic Qualities of the wine, then their Righ Spirits -Matt Liques, are more nutritions, more aprefeent, more Laxative, and flatulent then Wine, They are very proper for the fure of, and wifewation from the denvy Where there is A Debility of the Organs of Digettion, they are Extremely hurtfull, Caufing, Hatulencies, Spafores, and the whole train of tiels attending Indigettion, and an Reefent fermentation in the stomach, Unimal Stimulants These are but few, as animals are made up of mils, bland, Substances, and are themselves of A mile Nature forme of the June fluids are however of an herio Mature, these Shall

be mentioned under the head of tracuants the most Townspill are the Cantherides These are Commonly employed in External applications, from their Resimony acting as thimulant, to Taile blifters and inflame The Shin, which they so by existing an Inflammation In the part to which they are applied, I Shall here only treat Athere use and opperation when taken Internally, (The Anciento, Hippocanter & others) Supposed the accumony to be lodged in the Hear, wings, and feet, and accordingly degive them with more Safety But this is a mitaken Inotion, for the accimony is found to be loged in one part as much as another, Cantherises were employed for Internal purposes, before they were used taternally, Hippocrates employed them in Supropie Cafes, and as a Depary to promote the Monthwal Dijehargel. They are found to have A Sarticular tendancy to the unnary papages, and even dipharge blood from Sthofe Harts

Depainger, in Ein: Med: Epays recommends a Combination of Cantherides and alkaline Salts for the Dropsy, and in mieterate fleet, Granvelt employed them in when of the Ridneys, and Blader, in the Gout, and in Calculous Convictions in the Ridney he always Combined Camphine with them, In large dofes they are very hurtfull, and will even prove fatal, by exiting & Voilent Inflame = mation of the apphagus, Stornach, and In = toftines, They will also Caufe a voilent Thanquary, Bloody wine, Confliction of the Pedis de they will affect the Taftis Caufe Continual Trections, Swelling of the Serotum, and discharges of Blood and So deftrong the Vationt In moderate dofer they do not affect the Stomach, and Intefferer, but Stimulate the unnary papage only, This Seems to be owing to their being kept, in a Dif-· Jufed State before they arive, where from there Connection to a particular frant of the Island, they are in a manner Concentrate)

Concentrated and thus Can act more powerfully, This Seems to be Confirmed by their not always affecting the Rioneys whon given in a diluted form, Grifs in Substance has ourspined thanguary but more by Chance then Defign They do not always prove Dimetic In Rephritic Cafes they muft be hust - full, on account of the Inflammation they Existe They are Said to be infifull from -times in Stoping Glech, and the Hour Albus, which they do by Exciting Inflam mation in the parts, but their effects here are Doubtfull, as we Cannot Deter - mine the degree of Inflammation, on account of their Diwritie qualities -They have been Supported A Diaphorition, and hence have been tecommended by Of Mead for the Leprefy, but we must not Expect any great affect from them In this Dipeage They have also been Supposed Expectment, and therefore

Were employed by Burton for the (hin - Lough, but he always Combined back, and Camphine with them, to prevent there End affects, which were of more dervice than the Cantherises, They are at best a Inecarioris, and in many Cafes Dangerous Terriesy, and ought to be employed with the greatest fare, and indeed they should never be used, when we can get any other temery, to am-Millepedes. have been employed for various Dijorders, - Diaferides employed them as Direction in the Dropsy, and in Offlue = tions of the Vigura, Jandice Le Boyle Says the up of them will Sharp--en, and Clear the tye light, in the fift Symptoms of a Cataract They have been tecommended in Sup-- Herefrion of Mine, and in Confliction, of the Ridneys, owing to Calculous Convictions, where they are Supposed heen to dispolice the Stone (Lawinbergius) These infects

Contain A thimulus, of the Same undstern -mined natative ar Cantherises, to which however, they are vaftly inferior fromer, Thank deen there tahibited in the Chlorofis, and Scrophula for a Sufficient length of time, with out observing any Com - side rable, or Certain effects from them They have been employed in long Newous febers, but if they have any Mach they are Imposeptible, If we produce any effects it is owing to the wine in which the Infects are taken. They are given in Substance from 3/163/ for R rope, or the Caprefied Times of 50 or 60 Animals in R glaf of wine Councilla possesses no great affects as a Me-Decine, It is Faid to the Diaphoreties but very large Sofes are require to produce this effect, there only up is to give an Agree - able Colour to out formula Wipers have been employed for the line of various diforders, and Jour Rattle Inake alle for the Same, They have been time - played in Diforders of the thin as the Alephantiafis, Mead Tecommends theon in the Lefveofy, The powder in wine

and the Broth of Vipers, has been whed in the Jaunice and other Obflinitions of the Vifera; It however posseper no Superior Virtues to any other Stimulent, Hoffman, Nays he found himfelf disappointed when-- ever he weed it, The Volatible Satt is Jaid to prevent the bad effects of the Bite if in quantity of 3; Broth of the pure Vol: all. the fat is Said to be upfull in Diforders of the Eyes, Hans Cleans interes and that it will (in the Bite of the animal, if rubles on the wound, Oil of almond on any other oil, will answer full as well, The broth is tecommended as a high Restorative, and fine Nowigh-= er, It affords an alkalefunt tich nutri--ment, In a Telaxed Homach _ The Rattle Inake in popular of the Same Virtues ____

Lect, 27 it lies wene en asbelonain to the a sof Ilmulanto - Notimulat and gives strength to the Whole tody it acts a considers able tonic The Da of to old bath is not rest for the all was I my other the way the alt Lat is containe in the later lace o his in In I wome a c is and washes of the Importies But where a Jonie is only required the Spring water is the best - The Cold Bath may a applyed in two ways first by plungen into the Water and removening in a whort time or Second by what i called the Show's wath where the Water is received in form of a Shower The Shin has such a Conection wet every other part of the Body that pleasure of pain produced whom it is exended over the Whole System In we his be restor of the old a a for the arm werme condined and wall wis . It face an ling dirmine to the Internal ha to The are noun in the to all too long is attended with peat dance or ing to the alood accorner a my Land to lood and indangaring a luftur of there or inducing a reaction to l'est of to a rig of the Bati, t - his somtimes rappen hen to la a applied to or dut is very wa nor Sweating -

The fole Born acts the Same on anmate as it does on nanimate Bodies by constringen the fitnes the do not act in this manner on the Internal parts for they all retain their Natural warmth the have no action on the fuid so but by the Reaction produced in consequence face to the heart - The Cold Bath acts chiply on the voled: Viva: - too tomes Las or too Rigid habit of bode is hurt, we especially in The blood repolo and Muscular elystem the . nuccular System is left time by the Dark around and by the Sention of the Blood Vefuls Bleeding does not act from rivulsion but from the Sularation produced and by y means relieves spason at a distance from where the Blood wastaken and thus 320 of too taken at once in a Pluricy is but ter then 30 taken at different times we are not to account for the Sention of is Blood vepsels or the momentum of the Blood but from the Influx of the Nervous fluid The Homach is so corrected with other. harts of the Body that the well being of at depends whom the Hale of the Homach and Intestines - At man that is furtom. ed to take a dram every' arrowning finds himself very much of of arder if he happen to mip a troming but as soon o he weallows his Liquor he is thestored to his former hoefy State and in the on man a a por

person that happens to mip a meal or does not get it at it lloual time he beomis feble and Unfit for burness of any hind."
but as he has gott the Meal in his Homach ne is restored to his former state Owing ton exofty wet of the Emplyness of the Homach extending a disagneable denoation over the Whole Body - The Stamach is also effec-ted by Impressions made upon the Thin as a Blister applyed to the Shin Increases the tension of the Whole System owing to an increased after of the Mervous hower - Ro warm water takes of tension it is no more then Natural it Suppose that Cold Walen increases the Tension of a part. - The (old Soath is of use in Laxity of all hind as in Las habit , there is always an enercase of In thility and Sensitility this the is Mitty to (ase with jumales we seldom meat with an Increase of Irribbi-lety or Sansibility, which chiefly effect of Bellie, of Mufoeles the Flomach and Intertimes _ The Cold bath acting on the Solid. Vin, paroducing an Influx of Narvous fluid into the different organo _ In Hysteric or Eplepay attended with Irretality & mobility the (old hath is of the Ulmost Ulo Lastreularly the Hystime disease as the

224 chiefly diseases of warm Climates but in he hyperbondriae disease which is a) disease of the Cold Climates in this the Cold that is not indicated infants is often effected with Chilipties fit. X when there is accompanied with Laxity the (old bath is very propor - Lalsey is owing to a deminished Mervous Lower in a Lartion das part these Medicines that Well leston the influx of the Nervous Tower will answer Entremely well the Wothe naturn of the Cold Wath - Madness and Manca has been curd by what a called the Dr & B th where the Water is applyed Drop by D-op Interntents is brought on by any thing that constringes the Vefoclo on the Surface and Bet om no the Fluids to the Ha t thes causes are analogous to the Effects of the (old Bath - Them has been instance of the Worst of huartans being Pured by the affly cation of the Cold Both. It is generally tecomended by Jalen in the lune of and out devers Doct " Dehan has diserreted an Chiderned fever that carried of many which was relieved by the Application of this Medicino - I do not no a mo effectual Temedy in the Welson four then the (10 hath applyed during the Reception - a

choose had it h may a occurred by l'awhat is called the from head ach the (of) hath an excelent lernedy and has very promising offecto - This Medicine has been farmous in the Cure of Arthelitic Complaint Bartholinus gives a account of alman affected with the Gout plunging his hands and feet into anow an exclusived by it - But this it think is a dangerous Withod as nothing ought to be employed that would tend to drawn the yout from the tenterne is - Cold Bath is an excelent Medicines in Calculous Com plaints .- Calculous concretione is mostly attended with a Laxity of the Thedreys which I think constitutes the Chief fait of the dredisposing Cause and Restringing ty Vefoclo on the curpour it well be extended to the Thidneys and enable them, theory of the (alculous matter and prevent an auumulation - an inability to retain & Urine to a halvey of the Nech of the Isladder the Cold Bath is of the in this Case as is it is owing to a halowy of the Musulun loat of the Bladder - The fold bath is of some ververo in Nocturnal dolution and in all dominal Weak reper as in this case there is mostly a Laxity of the V:

I's love cla cirrinales It is likewing the atmost wer in Glector in Ocolent Chronico (olice the 'ecovery of health has been a feet all the has been used with Jucep it is also need in Moragthney the Whole Book, which has been debeleteld by wearing to Harry Co-

(ald Bath in tikewise of we to Infar to to prevert and fair most of the Tweaver inci dent to tratage - It was said by son inthdicais of infands was thuff, owing to an find in the Elimenter, analy but the not the cause of the disease's but only the fjust the (ause of the most of the diseases of In-fants cowing to a debility of the Dorma Via which favour an elecumulation of their and What well rectore tore to then in the . Nethod to be employed this effectually done by the Cold Bath - Richels is a diseas is (heldren is comtimes affected the (ause of it is a delility of the Moving jetre wherly? · Cartilagues L'exection is incapable of departing Matter propor to form to one the fold toath both removes the facus and Otorates the effects of this disease - - -The Cold Bath is attended with bad (onrequences where legidity of the a john to

old Bath has been recommended for the Cun of the Dulmonary consumption but this is at least a doubtfule if not a dangerous Methat - the Consumption is after brought on by an Hemoptoes the Cold Bath by dreving the Blood from the Costreme Sarts towards of Vicera and endanger a Rupture of Nome of the Vefrelo the conoumpte is is comtinues attended with Ty momo nearly recarly the Hyport on drie Disease, which has been taken for the Thethin and has been cured by the Cold Bath wis I suppose the reason that the (old Bath has be recommended in the cure of Corneum trong the Lungo - What I have said 4, von Consumption many be applyed to hamopto The fold boath well to he wise be hurtfull in all Cases of inflamation - Inflummation most-By attact those of the Robust Rend -We the ile be farefull also how we recorrent the Un of the Cold Bath to Dethoric palients for by ditermining the fluids to the Internal parts then is a danger of Bursting the Vefoclo -Tedatives are such substances as are of posite to Minulants the diminish motion in the eyotem and the jource of the moving Lower - - - -Picacy - Not only have the anteents dishuted wether it was cold or hot but We are at this moment disputing Wether it ets cheefly as a dedition or Itimulant

928 yalen, says it acts as a Colling . nedian i while plato sougo it is heating others ony it is both I mulating & Sedative - Some have imagine that Opium acts by larefin ing the Blood while others adopt a fontraopinion - Trallus does not diny that Opi does somtimes freet to Nerves but mosty ranfies the Blood w is effects by a l'olatin Ir nuple ent med in the Open on But if we were to recolect what a small quartity of Openow is taken at a dose and what a small Quantity that dose that has of the active Quality we would soon see the fault of this kind of reasoning its action depends upon its being fired to the inner roat of the Sto nach and producing some change in the Nervous System that this is thecase is certain because patients have Comited up the Till the day after he had to hand. the Till having answered the purpose for which it was ahen in this case it could not have acted on the Blood - If one Grain of Onic would larify the Blood to so great a degre as it has been supposed to have done to what an inormous Bulk mus the blood be increased to by taking two or those drachmo - Haller supore that I etc by orendering the Blood more Thick -

Some say that the Blood of the Jurks that fell in Battle was much thinnes then It er de plus but this was not 1 fare. of them neapable of Reting on the frie is a propor manner - Monro. White Xe proves y infermental of Ofenn acto up , the oran but the node of offeration is uncertainty Monroi Experiments prove that it may be taken up by the Ly of hatiro but does not act Lenolitely of the Narves Opium notonly effects the Terrous dystern in gene at but effect only the serves of the Lat to whichet is offered without taking any effect whom the Birain - -Another Question as wether Open or Gritery action of the the face and a lesis res the trasy derivine it Tralles cargoit accelerates the Julou Haller also song et Luckeno the circulation - But if the Helion of the Heart & arteries is owing to their Non. setelity and Irritibility the Exerce by tohen g of the Senselality & or abbility ment to dernish the Retire, and the Desistablic motion * Monro opene a frog took ut the least and enthat at and the Isme effect upor that Ameral a it will if the heatwas still a --

230 motion of the Intertines is mode aled in y Jame manner of appears for no Doet White experiments that injecting Opeum with Intertines of an animal It died sooner then if the Borain and Spinal Marrow wasta nen away . It is begand done bet that the telion of Opium is onlinely on the Nancous System. Opium endue may te opur in the (oli when it is owing to debelity not by acting as a stirnulant but by tahinge of the Same and removing . formode constructions of the on testine it well reston the Heat to an animal that has been deministed by Comiting by Moffing the Cometing and aleveating the hair that alter enochent comiting - Operer en some cons well prove Sternedard but it would be emproper to think that this is alway the (one The many as well say it is always a cathanthe for by the Une of it a patient may not a Hool When many other thing , faile it nots by leaving the Bourds more Irretable and more supertable of My taking of the construction that may hapf in to be the found of continume to To the Irribelity or mantly of Blood in the Larry blood Vefels the bad facts of Chiliting Of imm in the Inones and debelitales the volido I'm. Ive enden so so it may be given to diminist

this ham advises it in a bluneay an Teriper newmony it is is certain that opseem a mot me rease the heat in this case for it would be Palal to the Latient it has been becove that by applying a the mobile to be have of 4 I bent the Mercury has fell --Offects of Of win whom the Body most persone Becomes the full after the dose of Pini The Jula Somer an feeller to Boxy Cooter.

all devotino but Iresherate is derman had the Bridge sleve Presheration Lefo freque Bridge and et a terrate had and deces thefree the Bridge and Its general effects may be easily accounted for by Jamenishing the Sensibility and Irribitility He Larlicular Opperation) the me of becomes chearfull by taking of disagreeable oppores ions too full dones of openion makes a person from dell and heavy owing to the Sodative effocts being too great - aud. Liquid in some cases increases Vorneting a fort full of Open would be east up when Deacodeurs saule , in on the Mornact owing to the different (onstitutiof different errors -He should not confine our return to a particuperstity of Opium the a grain is most

202 ought to incre se our done recording with lingentey of the great no

How the Sulse becomes Nower & fuller) what ever a sman it a the Initiality an densibility of the heart will of consequence die minish the Number of Pulsation of the jullness of the Rule is awing to the relatiation and Great quantity of Blood in y Lare Vapoles -
It Diminishes "Pal I the Heart of all Unimal. Bodies depends upon the Cinculation on & if this Circulation is dermanished if heart of the Body Must of consequence be life It demenishes all decretions but dresheration on When the Vepelo of the Secretory or gans

is beloved

Of ilm render the Body Corties by taking of Sensetility & Irritibility of the Intertines by Which means are not so much affected by the Minutes of the Jacis the Jagnote and the fluid hasts absorbed the lemain-der becoming hard

Lect: 29 ? Opens under to heration les frequent by la. him of Irritation Irallus on a that hispin ration is much huckened by taking Apium and this would be the case of the Circulation was quickened which it certainly is not Opin acting entirely as a hodalive The Blood Populs in all parts of the Body to very much wistended owing to the papage of the blood thro the Lung, being impeded the Blood is no more othermed to the head then any other. parts of the Body and this is unuque is a liministre when when the Shin is owing to the large quantity of red tolood for reed into the Calremer Tepelo - Opium Alemales of sind rooker Spram Metres a fatigued Latient's by taking of the Sensebelity and Frelite like with a sternal Stratele the sind is buy with offernal Stratele juck Slup is a stranger - Steep is not is Constant effects but somtime, Shepor delenum Wa teh full ne po lant after the Naccolie effects of Ofwerm is over the constitute & Fred bility returns the body feels heavy dull and dorje Opening given in Lang quantity, enervater in Whole System and Relases the Body - -We have more shows that the offer sion of this is chipse on the Nervous Systems and not by Langue the Blood wit was the igt to by some

23.4 pum is frequently Wheed do a palestin or Remo. ver of painfull deneations - Pain many lac concedered as of three kinds Inflam: Distintion affarm and Irrelation -In pain from inflammatory distincen in accomulation of Blood in the farge Blood Vefoels - in Inflummatory direas that Depend for their Solution on a partie car exerction as in the Cluring we are to to a care now in reamend Ofmen for by checking this at may be attended with consequences . it therefore when administer. in this lare ought to be combined with Squil. In the acute therematis it is doubtfull in do operation The Chronico Rheumatium it is of use in the Sooth ach it does not only dernenished ena wility but in time de. strayo the Nervo - It may be given to meligate pain in the Goule when by mtomo of Inflammation is not Fresent in Supperration Openers is of the in tehering Lain. at may letewise be given in the Small pox to compare the datent In how arising from thoom so in in Flan tulent Colies the Boweloto be enacuated but if the Julie is full the String haghe coloured Heat in the Bowels there is

a danger of an Inflamma town of is Intestines in this case instead of April it requires the in a dovarin lernedy the Patient is drenk first lang quant bis of Checken Water in order to was out the Somach the Opinte to be taken afterwards Ofice is of Ulreas the Bellions Color by demenio hing the Se-envior of Bile. The There sofron is our ing to Sparm which totally whope the Top og an evacuation must be had and this can not be done without first along) the offeren which is to be done with a den of April in this case I frequently combine Open with a Carnit - In the Try Belly Rich or Colleca Lectenan the Church may be employed for by taking off Shown entirely removes i Diseas-Open may be used in farmodie Pffrelier of the stomach but it is not to be continued for any length of time In Spann adio affections of the alterno Openin is found " refull - Opium aleviates the dains attending Weamen after Labour when taken in the beginning of them but offer the Fains has continued combined there is reason to fras an in Hammertion in which face Ofun would be hurtfull hender Ofmire and (afe) Cold applyeation toothe Abdones would be realle did will good longer on

Those pains which are Called false an effectually removed by Open which does not prevent the real Labour pain from comming on To prevent Utrostion Open may be given after a few owners of Tolord has been to here from the Latient - Openson is of Mor in in Sarorsom of a Nephretio after tolood has been drawn and a ifly der or two being administred - formentalions opplyed to the Part is most effectual the Inrula be put into a warm bath wereal Jerme during the Saration - His of ween in Some in Stone irretation the Noch of if Wiadd and prevents an acumulation of Moines the Totient having a fonotiant desire to make Da. ten This Many be remedied by a don of Mune by taking of the Frilebeldy of the Bladde and giving the Unew a Time to Polect which may stand a Chance (it the Honers small) to waster it away - In the Titamus Ofis that produced by the Punction of Lescon of a Nerve when it can be done the foint ought to come off but if this commot be done the Medicin found most effectual is Openen the dose in this can aught to be large them has been endonco of Soverel Frachers laine geven below it produced any offeel - It has been Reen me nded to astmake L'vople - astma are of I hands I the Sparmoder 2 Humoral the former is to be treated by anhiharmodian

the Latter Stormer lating Medicines the former is periodical the talles comes on Frequently and continues a Longth of time - Opum is never given in the astma only as a patialised and I thench would be better administred with an emetter - Operano has been given to relieve baad ach - but if it proceeds from a disordered state of the Normach Cometies & Homacil. in the woper Medicines - If from debelity Porter and other Jones should be given lout them at is Nervous Opening in the Loopor studiens fen making we of an Cometin It may be propor to com bine Openn is Theeacoana in this lure -Sain arising from Trotation opium is of use only to meligate Lain - Cancers we may order Openon to give Restricte It many Eherre be used While while other means are made use of to destroy the Concess Opum may be given to metigale Nochennal Jams attending ledures Suppur alson and behavire to aleveate the Cough in Julmis Consumptions

It has been employed for the Curreof Intermetting fovers taken about half un hour before the Fet it acts as an anterparmodic of may be house be gaven after A Mornet Djaum may be given in a Servous fever to compose the Patienti

In dearhoad and desentery opening may be proported and it may be given in forthand wall done of an Cometic in the Creening and the Newtral Salts in Morning mild Purgatives is to be profesed to is a a sedative while the Mild will act as a Sedative and in some Lulneate the Intestines

Opinion in eatarrhus deflutions is at but ambiguous except combined with Squelo the food effects — Cough in the formed measels is owing to the Emplier in the Sauce ough in the Sauce ough in the Parts the Patient in this case ough to be blid and Mrc Lanation Drinks of Cough to be metigated by a decoction of Morsh Maltows. Syr. Pop: the but when this cannot be done necourse must be had to Openation to relieve the Cough and take off Irritation from the Lungs The Satient will then Coopertrate from the Lungs The Satient will then Coopertrate from the Lungs of the Satient will then Coopertrate from the Lungs of the Satient will then Coopertrate freely

April in hamor hages acts as an antisparm. odio & derninishing the action of the heart and Artimes and by that means which and stops hamorrhage in hamorr: from the Ulterew Glysten of Warm water and Land Liquid should be injected when the hamorhage is owing to an irratability - But when an increased acti. op of the heart and arteries is the Cause Bluding is the propor rimedy - but when owing to relatations opium is hurtfull opium may be used in these Cousto give tempora. my reliefe untill propor medicious contre green but as soon as the Effects of the Opin is over it returns with as much Violena as before opium in the Veneral disease is supposed to be infalable in any law - the Physicians of the army have employed it with the Greatest Jucceps in Large quartities as 10 or 12 grains in a day The Allers being washed by a Weak Solution of the Open - In my own practice I have Used Opium with the greatest Juce fo-J. have entirely cured the Gonorrhan by given one grain of afrim Night and Mornione combined with I Puls Gurn: anal: in the Cure of the Tome Sypholus Timostly combine it with formour Sublemate or Patronel -

Cicuta ! there in several Plants that has bun called Gunta the Genta of Atork is of Conium Macularium there is another called by Lineus funta aquatica) It is the Concum we shall take notice of here It has been establed as a good Remedy to divens Scrop hules Surnors & has by some been found of Use internally Ithas also been said to be of Use Cancerous affer tions - Canson are of 3 hinds I Genuino 2 Fungoie 3. Scrophulus - 1 Genumes it is the most common it first appears of the Juze of a Dea it's hard to the South it will continue Long in this State without causing Dain it somtime fells like an almond somtimes like a havelinut it appear atother times to the feel like a Tondon or the End of a ford at the beginning it appears perfectly Imouth but after it has continued Somtime it Becomes Rough the mostly remain vengle X and Solitary in the breast while the continue omal it may be easely moved a boute except it adheres to the Pectoral Mufele or other harts that lyunder - or ifil Les close to the Shin it mostly adheres to it and form When this Cancer Breaks there is a discharge of Lutrid Blasdy Sames the Edges hard and Nevers afford good Liev in this hind of Cancer the Mineral Water ait in the same manner as mercuny shower

Liquirious when the Tumor begins to Thati There is no hopes of Directoing it while it. continues Imall it is frequently without Sain - there is somtimes a small degree of Vain during minotration but this does not continue Long but soon goes off a but. Thos which resemble Tendon or Pack thoud are mostly Sainfull in this Species of the Descaro the him low is not attended with any good effect it is often Unefullin the Scropholous Cancer X in the Terophola itself But in the Genum Concer it is hurtfull It bulls the Jain AHD ablathe Sofret of of for a short time but it soon return with redoubled bioline - The Hemlor acto into case by invitating the storephones and of consequence agravates a fances is delcom or ever Cured when Under the armpet owing to the Number & Large blood Vipoloun the Part - Canders in the Brest are fre-Mind in Homen - there is a Concetion but tween the Mend & breasto

in 99 casas out of 100 this Species of Cancer is Local and may be taken out by the house

and Jehinhus may renain a Long time and become concerous at Last - The only we a homedy is exterpation Guy's Towder or in some cases ar. some the Cancer should be entirely terroved for it the Smallest part of the Concer is left it will loving it on a foresh - - this disease onever affect the Whole objection - - -Canser Fungois). this species of Cancer mostly attends Hat Lusty Women with Lary breasts It begins like the Genuine but is not so hard but more spongy in it breaks out it is very different it's goo. with is much quicker the genuine Concer well remain a great time very small grows to the Juze of a mans head at morthy brakes in Several Places & Vowers out a Bloody Serum and from those appartunes the Fungus is pushed out in has the appearance of a Sheeps Lever and in shape somtimes dehe a Mulberry and at other times like a folly flower they are sometimes hard like Cartilages the Edges of wound is arregular and huffed wh the running amountly profuse they are Strangulated at their bow the Jul: gus Cancer is not confined to the tradbut affects

affects the Back arms Lig's He the Geneum affects the Crown of the head-deps. Se - aperson was affected with a Cancer of the Brast in concequence of letting the Mild Hagnate the only thing that Tromised relief was yong Puppy to such the breast which accationed great pain at first but it became left veolent every time the Supplies word applyed till at Lingth She was perfectly Cured the Suppier mostly deed after the Opmore casy the then remained alive, Toads. has been applyed to concre of the Breast in Juckep by Jucking The Toad should be applyed to the Breast but Should first be fut in a bag made of Lawn -The Scrophulous Corneer un doubtedly owes their origin to an Internal Paux and Mostby to the Veneral Desease Permaining in the Habit terophulous Swellings) in the Cle-Thanteasis the Glands are inditated which as is probably awing to derophielus habit of Body

244 Lect . 35. By the term Scrophulow Imean large small Sumore in the Breast under the arm. Tel on the Such under the Throat de yane Nomtimes hed domitimes inclining to Blue at ather times like the Elephateans and nomtimes like a Ringworm. They are occationed by (o. habitation with impune People Somtime the feel like a tindow or Like the end of a Jack thread under the Thin there are evidently an indurated Lymphatic Vair - It is a disease that is handed down by a funon to all their Porterty & it is no wonder that they are so obstinate to remove as difficult as they are to faire they are as deffreutt to distringuish - The derophulus requires & queldo to mercurial Truperaliono but the Genune & Fungous Cancer does not give way but is again aled by them and in the Geneune external applications well somitimes remove the disease last in the Scraphulous never of brophulous takes J. lace mostly in Un healthy Patients but of General in people apparently in health The Lump in those of the Scrophulous is not quite So hard as in the Gonume nor is there any Pain felt in the Part untill it breaks on Terophulous breast when they become hard They adhere to the them and Mufales these Lumps are many in number placed we the whole

Map resembles a small Grab they spread themselves up and down the Bireast Hover towards the Muscula Geralus Major anticus the Puls appear to adhere fast to the breast They are not brought on by affections of the Mind as the Geneumo is vomtimes but is supposed to arise from contunion The Las tient face is of a dallow Lead Colour puffed wh eye leds and a Scurpy appearance of the Shin Tumor in the Groins armpets de The Inflammation is allways greater when They are Exterpated then it was before they The Same time in somplaces the Fore Per. embles Bacon and Somtimes Fungaus & Sometimes it is covered with a dry dung The small tumors are frequently discussed by Minumial Proper alions & Toulsiers they have been cured by a long love of Mercury taken Internaly & applyed Externally -It is in this Sheer of Cancer & in this only that hember is of any low In the Cancer Gover ins & Tungons it is not only Unclef but certainly hurtfull Cancerin the breast all ways originale from a Scherhus that is at first movable - So that whatever Swelling occurs that do not Originate from a Schirhous Let the Lymbons be ever Violent and Bad they are not to be called Cancers Baron lomer

and most hable to be affected by this Thecies of Cancer - Teople that ware tight Stages a make too free the of the Leguore are also hable to be affected with this disease Indurations from allagment Mulh in the Bireart, white become as hand as cartilage may he discused Somtimes but mostly duffurate in this Cave it so propos to apply Extertatur. & Emol: Poult .- Women Love de pored should follow such a fourse that thin Nives sh? not be weakoned by it and should durele their own Children this well not free vent the disease but prevent its seasons immediately whom the Breast I have tould you befor that if it is not all exlespated well return with more trolen. then before - Some Scaple afocers thoughting are infections others deny it way they are not but from Joveral Cases that I have seen and Read it appears to me that open Concers are at Least infections the Joad of succed Cancerous dores expired Immediate by after the Opperation ___ From the difference in the Construction of Breast we may a arely know why men are delolom affected with Cancers in the Breast - Woman are Seldom affected with Cancers of i Lepo de _ The Carractivistic Lefference believer a Vinenal Iller & Carneer Vineri-

al Uleurs and Turnors are of different af. hind I Meerated I 2 Gangrinated 3 hard from the Denostium She first may be disternationed by the Whilish Staff Like Bacon in the Veneral disease this begin to dwell and inflame very soon Second Ganguerated puts on a most freghtfull appearance the destroy the parts in every direction forrodingy Bottom & Sides But they feel more soft the Edges not So Frigular as in if Concer the morlification which accompany Venerial Uleers of this Thereis dis, tunguish them from fancers 3 Hard ones that proceed from the Senosteur a lase that I whall relate will give you a notion of the Symtoms that allend if species of it in Illeer a man aged 40 had shooting Pain in one of his breasts attend. did with a Soronefo the Breast was underatid & them was an Hevation of the libs the other breast was hard and movable the took the Corror Sublemale internally datily ed a Bloong watery Tolution Externally i Pain left him and in a few days he was entirely releved all but a simall Tumor that renamed which was made to Super purate and healed very soon in Surphus. lous Cancers internal Medicines are requisit

148 Scraphulous Cancers Cancers in & Tongue feell hard they are Very led and Jon. times Blue Venerial Meiro feel Soft they are of a Gallow Colour inclining to Red & Cancers on the Lips are mostly flow in this Ingrepo the lefe becomes dry & Choped they are covered with while Naugho the Sapille Dise high and have somtime. Reflected Edgas Ven: Ulers in the Mout make as much progress in a few ticho us (an. cen do in as many Months years - If from what I have dawe you will not be able to distruinguish the Carrer from The Vinenal Uleer the following Method is in infalable - Cover the Ulies with Ca. Tomel & a Muching Planter over it If it is Vineral the some well mend but if it is a Concer it well be agravated by the left. plycation - From what I have said you well under tand that the General & Thungous Cancer is entirely Local and or by Genjo Towder and that the Teropher lous Cances is An affection of the Wholedym. Whatie System & it may be fund by the Use of Extract of Hernlas. Xis the only the. cues of Concer that queldotto the Hemles -

Lect 32. In The internal Use of arrance for the cure of Cancers 19 of Pure white and Thereng arrened is to be disolved in they of deptilled Water and a table Shoon. Jule to be taken every day for the first. Weak 2 Table hoonfulls may be given the Socond weak 3 on the third Weak and ofter he has laken it for a Short time and fends no inconvenients from he may Increase the heartaly of arsemes to 96 disolved in a Quart of destills Water Doit Justamond has applied in a Variety of Canes Plunkets hime, dy has the Jame effects an Guyo Powder Doct Justamond accused of bringing on sparmodic affections of the Muscles and frarticularly though the Eyes It in most certain that Guyo Houder is not effectual in all Cares Dof. Beream never concedered this Terredy as infulable Should be profesed to the Courtin - but when the Cancer is so situated that would be inconvenient & even dangerous the Courtis should be preferred the Basis of which is arrence every consucce fifull allempt to exterpate the Cancer agriculter it and the Slightest and careed applications

250 made to incurable Carreers the Better arrenie is the Basis of Doct Martin Pow. For and is the active remedy - The Mild. cot way of applying arranis is in John tion it may forequently be applied in Illconditioned Weers with Incerpo when we apply the arrener it should not be whom Large Surfaces at a lime Hoter would - Wether would not Opium aliviate the Pain from the the bloc of arrener The Celebrated Surgeon Higher gives no a Case where a Person was destroyed of her Reason by the Use of arrenia - Belladon. na has been applyed with good effects in some cases of the Scrapheles Cancer buit are heartfull in the General and Fun guo Camer . _ _ Hyoschyamus this confuses the head as much as offerelesous Signores it has been apply in Cataracts & Diferenterry it has the same effects as Opens but does not check the discharge in defen terry or much as opie - - -Nicociana it horepres a lingular Norcotic Mirmulating and Purging Liality it is an Ernet & Disposes to fleet but by long use it becomes habitual and ha none of those effects

The Trenceple way of theire tobacco is in the form of Glystins in this way it is of the in Colin hamo Frangulated Hernian Sympometres Ve the Chyoten aught to be continued till a dickness so felt at Homach we have many lathe discusping of hard turnors -Laural appears to porch a Parsones Quality this has been proved be experements made whom Beasto - an the Himler well not orgune Cows but is is a Janon to Man But Laural by several stacts is proved to be a Porson to the Human Constitution -Sea & Coffee Tea is nighty Sedaturet Narcoliv when frish then when hept dom time expecially to weak Homacho Some suppose the Bad effects of Jea is awing to the Large huantity of warm Water taken in with it but they are greatly Mistaken for the Weakening the love of the Stormach the Spannoder affections attending the libre of it is owing enteres to the Sea - both the Bohea and Green The are products of the Jame plants. The Virtues of Coffee may be abbrebutes to the Emperumatice Oct formed by loastmode dinares

but is hurtfull in dispepera and Flatulerne - I attribute many Har. vous Diveases to the Me of Joa and Coffee & It is haghly probable that lear and coffee how had their share in rendering the Kirous discassognone frequent now then they wave some your tigo when Lea and Coffee was not Wild so much and is at parison! Safron the Real Medical Virtues of 7 naid to be a Medicine of Inferior efficacys Virtue while others suppose it is of Lettle Concequence in the Malina Medica-Doct Boarhow has support it to be an excellent Medicine to Obringtoten the Hines The action is who Ople Sofron apply tog attornach Kelwes Vomiting The Seit class of Miduenes and antespassonodies are thou reducines that relieve Sparm - Spasm is of 2 hands the ties strictly speaking what. is called Shavm the 2 Conversion-Hyoteria it allacts both the Body X Mind there is disorder that this will not immitate This disorder is peculear to Women but Men is somtimes offected with it -

Lect 33 The Symtoms that occurs in Hysteria never preserves any certain Rule or Light test are different in different persons and somtimes even in the dame person -The Satient is first offected with dremon in the Limbs Lope of dight a dence of Gold and Chellyness the Countenance Saliand Plush the Urene is hail and Lymped and in Small huantities - and a Since as if a Ball warms. ving from the Abdomen towards the deaphragma by several consolutions as if it fal. lowed the Course of the Intestines - The Shhim. cter of the Puctures is vo constructed that a Difficulty of Breathing Palpitation Stron Pulso a Jenging noise in the lors and a dilineum corner on before the das tunt fals into dep Heep - but beforeig Sleep the Glambus Hyotericus Rises up to the Uper End of the Ochhegus and produces a Served Sufferation the Voir is Lost - the Juls Grows Hower the Jufit Grow, Bim and at Last she falls into a Projound Slup and recovery with deep stights the Eyes open the July becomes fuller and she returns to her

244 venow after the Paroxism is over they mostly complain of a pain in if head The Hysteria in mostly attended with convulsion the Body is distorted with a fallering Speach the Jenous mostly he mains in norme degree and they rememwhat hafred during the Paraxison - Shene are mostly perceded by a dence of (? Cold about the Os Tulin and on this way the Fells Continued recurring at Intowal. Till death or the they are x'wholed by Toppor Midicine - and the feet feel Cold Likewise There is a faltering in the Speceh and they generalby talk of things that is not in being they beat their Breast - Involentery Laughing & Coying Some lay in a Comtimes to be entirely Lost and in some cases they are in such a fondition asto appear like death - and it is not deldom There is a severe James & Dull hair of the Head somtimes it allasts one dide of the Head only som times the Other to geather with a full ness of the Head with a strong Sulvation of the arteres Violent Jains in different Sarts of

the Intestines Somtimes they are offeeted with Comiting other times with Colic Some a diring to make water in some it viturno Porodically others have no more than Salpelations and fainlines on the time the Feit ought. to return when a patient is subject to Hysteria and is attacted with of the direare they mostly full's ome of The Symptome of Physteria - The more Trolent the Paroxion the more thorty onjoy furfact health com with head ach - Xc Se nort authors day Hyoteria and the Hypochondrian Swears are the came but to me there appears to be a grat difference . The discreption of Persono of feeled with these diseases are of defferent imperature and of Deferent dex Hypochondrian Discan allivargerattacts the Malineholly Anctions & Those fond of Solition & they that are mostly troubled with Doramo Hysteria those of a contrary habit it deldom prover fatal person, are domtimes Juged it Apoplexies by wheh they are Carried of

This direase (the hyderia) is very the stinate it mostly applices the patient till the Day of her death -Colore Indication is 1. lo remove or guard against Ocecational Carrows 2" to Relieve & Metigate the Symptoms 3", to prevent a Return Ind: 2" when the Symptoms in oceation for Remedies But if they are Swere the Spann Great & the Satisms Stethorie Bluding may be Used this is indicated when the Refferration is dif. ficult and Jugas of an aproaching Coma the we ought allways to Bleed with Caution as it is only a Paliation & andy tindsoweaken the Patient - the Time dies applyed ought alleways to be exhibited at the Deginning ofy dit-

Lect. 3

In the 2" indication the Clap of antioparmodies is necessary & Vol: Satto & Shirits Emperimatic Oils & Bether. They are Chiefly Used before or during the Paroxism - as there is vomtimes es Sensation Cold arising from a Partieus las part towards the Head which when

it arives at the Patient is allways Levy. with a fit this may be prevend by tying a Ligation above the Cold Part. -A Radical Gure of the Hysteria Depand, whom Jonies and astrongents it is in cases of Mobility & Debulity that Jones in indicated the levtone and increasing tone of the Whole System and Pernous Debelity we should administer there with Paulion in sanguine Habits & where there are Viceral Obstructions it is best to give them in Imalland scheated doses Chalybeate Waters is a Unfull Medicines aurb & austern Wines is of the Utimost Use in Thysteria Cold Bathing is one of the Most effectual Remedies by offsues and Seatons we may relieve the diseaso many Violent as. fections of the Mind has Cure The Hyp teria - affections of the Mind willen of only remove but produce Hervour din seares Notwethstanding all we have Jaid it worntimes happens that all Medicines Troves inefectial the Cure in this case ought to Depend whom the (old Bath & Tropor Regimen -Afrafateder this Gum has been in

a Long time it is a good and sharmon die Hemelufs & Deaphoretie & Duriti it yells it. Virtues both to Water and Shivin a Wead Homach will not metain it in a Criede State but will soon he rejected by Vornt: but in theor Cares et may be Used in Tolution 3 fo of the Gum Dischid in 30% or 30ig of Water it is of Gorcat Service in flats. lent & Spar moder Coleer administeredim Glysten It has likewise been Enomend'd in fever Particularly of the Narvaus but there is antisposmodies more eft feeleral then Apafatida - It has like were been recommended in Catarh. Timber but its good Effects here is owing to its diaphonetic huality

it has between been recommended in des otraging worms in the Bowell

it has been estimed an ernengog as it shrowlates the ductum from which it is communicated to the Ulerus & in

this manner it acts as an Emenegas Gum: ammon is a weather antichammodic then Afrafalida but is a Good Tromoter of Expectoration -Volutile Alhali there are the dall of Hearts Horn and of Sal armonance they differ from each other very lettle the Sal Corre Corn; contains more of the Emperumatio Oil of that from dal: American they are both Antioparmodic Joined with a Himulies They are indicated in the last May of Servous Fever If the Satient has a dearhoo Irnortly combine it with Opic but if he is for two I combine it with Jart Emilie H generally denders the Julie Hower & Julier It is known to oceation a heat and buming in the Stornach but this is del. down the lase - Its use is not confined to the Nervous fever but it is indicated in the Last Stage of an inflammatory Hever Sarlecularly the Therey when The expectoration is diminished in flatu. lent and Sparmodie affections of the Sintertimes if there is dain Therem may be combined with it & Likewise when the It omach has been affected - Volatile Alhali hos

Leen Und with benefit in the Wans during Gout when it has Jevzed whon if Homach in this Case Inapismo ought to be applyed to the Soles of the feet & Old Brandy Ulied internally -Castor is applyed in the same inten. tion as afrafatida I have not often afra plyed Castor when Thave becomended it it is when the Patient connot takely. safateda and then Teombine it is Opin Melsk this being a very expensive Medicine Thave not give it a fair Ireal but it is evidently an antisparmodie it enter into The Composition of the China's Hydrophotic Towder which is a combination of Mush and finnabar - -. Other is an antisparmodic it is of Concideralle Une in offarmodie and arthrelie complaints of the Homach it has alloo been apply: to the head for the Cure of the head Ret with Juccepo - It is a Very Volatilo Predies its effects are but short the dose show Large a frequently repeated - -Ol: Sucin British & Harlem Bil has been applyed as antisparmodies External by with diecelo they have been block with Jucep in the South Mich Som

Camphere Natural History Il wa Substance Sur Generis It bear, some affiniby to Epinocal Oil It is Soluble in alis. hol it differs from Epinoial Bil in being allways Solid It cannot be decomposed by distilation It differ from Yourseal Oils in not Effervefing with acido The Plant that Camphine is obtained from grows Shortaneous in every part of China It is a sheries of the Laural It comes near in Smell and Jenseble Qualities to Our Bay Berries Camphine is of a Volatile Tenetrating and Inflammable Nature It emparts a heat to the Faceer Formach the It has in this account shought to tu Himulant - -Camphine Doct: Traller & Haller a that the Camp here disolves the Blood and by that means brings on Prosperation they say that People become thin and Emaccated From the Une of Camphine - But if we Com eider the Small Quantity that is taken and Undergoes the action of the digestive Organo and then Mexid with Juch a Large

huontity of fluido it would be absurd to day that It acted By Disolving the Blood some vay it is most effectual Combined to opin

262 Opin - The Penetraling Quality of Camp him is proved by Several Experiments U: Solution of it was embebed by an Appliane The Lego of a Firog was macerated in a Johntion of Camphine by You Not Monro and thew Maceraled in Sht Vin &it omelid Hrong of the Camption - Adoes not act an deaphoretir by its Himulating Quality - As an. tesparmoders Lelax Sparm on the Extreme Vefoels by this means produce Sweat Camphor being an antiparmedie Camphine to of the wire antishormodies are Indicated - Doct Tringle has made many experiments to prove the artespe-This . Atind thew that gig would heep Meat from Subrefaction Longer then of 60 of Common Salt but his Experiments has been repeated often enough to draw a Conclusion but experiments made by other Deople Since him prove that it does Theserve animal Substances from Bulrejai. tion when Living or dead the Sure action of Camphine is upon the Nerver of the Stomach - the it lisist July faction it horms the Lower of taking it off-Direaus in while Camphor is Inducated It has been recommended as a Abrefull Medicine

in Hysteria Disease & When these and purely sparmoder the Campber Pertainly is of Une . Il has allse been Und with Juccepo in Maniacle Cases Camphor has behewise been Used in Epelepsy the her. hap, it is not indicated in one care olitof ten It has been frequently and generally Und in fever Some recomend it in evemy Species of Fiver whele others confine it to Sutrid fevers it has also been te. comended in Nervous fever Camphor has been given with Tuccep in Surpural Hever in the Exemples it is of the y-Greatest Juccepo it has also been given with benefit in Rouncy & Serepineutromy In all External Inflaminations It is of the in the Hoppage of the Menors w is owing to sparm as it is found to be of Service in Inflammation I should think I would be of Un in the Gonor had In the Hyposhon drias disease it has been of terview combined with Opin - from what has been said it evidently appears to be an antesparmedia The Dose ought to be hor 59. Imaily combine it with fort emulie with Mithred or Open me where weed an the Dependency Campbor when given Internally should allesays be very findly Sandord

Soudered or it is aft to Ploat in the fluide of the Hornach and writate the wher mouth of the Homach -Those Mediennes which act on the · Shids - Medicines as well an des! Effcels the Bland which may proved they Children Suckery Kurew under a Cores of Medicine and being affected with in Medicine the Surse had taken -Alexuants by this Firm I mean thon Medicines which correct the too great Lenton or Referdity of the Flands - This Tornesple Altermant is Water when taken (old into the Homesh it Shmulates it Fromotes degreen & afrests the solution of the aliment It restores the determination of the I baid. to the Shin It is heartfull in all In. flammatory desorders but is of the est. most the in Nervous and Putrid at En-Powher the fatigued Body &v -Warm Water is directly opposed to Gold it relaxes the Somach and of Coneignence the Whole System It acts as a deluent They both have the Same effects affler they reach the intestines

they stimulate the Intertiner by their Bulk and Ernove from them all dagnant Matter. Il thould be Swallows in Large hexantelies to have this effect Thave chiefly ordered a Pent of low Dater every Morning in Hypochon: Cases the It has a Considerable Effect in the life oels lights bulk it showelates them and increases the different Secretions Water is perhaps the only afterwant Alkalies have been by Physicians employed as Allemanto but they aphear to me to have lettle of that Effect no they meet with an acid in the Stomach they will become Newtraloged If the are in a Caustie State they are rendered mild by the Hexed air that is externaled from the alimine the Produce thery. Jets by their action on the Volido - 2 Lime sets of peration is summelar to that of the Ursa Lime Water hospin quantly cured the floor albus it has been given with Juccep in the Chrone Defrenterry If it Should Grefor it should be combined with Mild It has also been recomended with Jucup in Deroph

Sorophulaus complaints it is neefrang in this Care to combine it with large Quantities of Mith It has also been hecornended in low intermitting fevers in Thypochondrian Biscare at harlen found of great durento - The Som Haler in all bad conditioned Ulerro. When combened with Ol: Amegdal in a good application in tealdo & Burns. Corone Sublimate disolved in lime Halen for omo Agua Phagaderica - -Joap is a combination of Oil and an al haline dall it is very often employed in Medicine and has been called an illtenuant Soap has burn employed in Ob. structions of the Vicera when given ina Large quantily it purges - Water in is Joah has been disched was suffered to be more effectual in obeviating the effects of Porson then Prese Water - It has been recomended in what is called Glitimosa Spontaneous when com his ned with bitter and Jones - Joak has sometimes been personebed in the udity of the France Via It has also

when taken to the down of half and Clime Mong - The haim supposes that Joak taken in Large himstities favours the comming on of the Consumption in those that are productioned to this form plaint - Look disolved in is one of the Best apply cations to inducations of the breast & If it is disolved in a propor Minstrum it is one of the best Medicines to Inject in.

Inspifantia are such remedies as give the fluids a proper consistence it. They are los thin a State but wither any Medicines have this Effect is doubtfull Demulcints are such inducence as defend the parts from Acrimony then and 1. Gum Arabic is one of the Most Dure and Symphe Muchages it is indicated in all thin and Acrid Defluxions such as Catarris Gonorrhoo a the it may be United with Of Amig with benefit - - - - -

L'Iragacanth is of the same Nature as Gum aralie. It is of the in all Hamonhages owing to Fritation by drenking quantities of water with y disolved in it acts by sheathery if acrimony and taking of Fretation and by this means removing the Hamorhage ---Tehthicolla agrees much with in Gums in its qualities It is and. nimal Mucus and is more Hubricrows then the Gumo it is not so good as the gums in depenting it is hearble to become rancid & act as a flome. lufo- &c - -The next Class of Medicines and the antacida they are said to prevent acidity from forming in the Fluido but it is generally known never to Drevail Bogond the Intestines and but Seldom beyond the Homach there is in some cases when the Momach is I. chirrous or debilibated an acid Troduced nearly astrong as any of the Meneral acido - The medicines made

we of as antancido are 1. Absorbents these are Magnisea: Grabs Eyes & Chalk Chalk herhaps is as good as any of them they have no other affect then They absort the acid and Pernove it for the Treasent Jime - whenever there is Statulenes in the Stomach Magnesia is improper - - -Errhenes are such Medicines as Mimulate the inner membrane of the Nose X exite iniging - they may sometimes be of the in particular affections of the head - the Errhines chiefly employed are Jurpeth Mineral avarien and Tobacco - by slimulating the Numb. rome and exiting a flow of Mucus they may be of the in proportion to the discharge - Habet destroys the Effects of Errhunes . Dersons strong. by according to the Use of Tobaccol to soonner Love a Meal then migh the The people often omoah and Thew with it There are made more herochlable and obveous to when that the most permuous mallen may become

Lecome habitical the Stimulated the Sumulate the Salevary Glands and fore. motes bothe Suresien and Excrition There cannot much be vaid on the Gradue of Imoahing and Chewing Sobarco He is an Indelicate one and must forme hurtfull to delibrate habits by its Narcotic Ruality

Osarabacca

Surpeth Meneral is the Most aired of this Class and thoused be used worth, great caution - Errhina has been that in apolery especially that Species of its that is denorminated Serous - but this is a dangerous method may by four. cing the Blood so Violently into the Deficing the Blood so Violently into the Deficient sels of the Brain indanger a Buplious Expectorantia are those medium which increas the discharge of Mucus from the Lungo Expectorants as the discharge of Mucus from the Lungo Expectorants as the discharge of Mucus from the Lungo Expectorants as the discharge of Mucus from the Lungo Expectorants as the discharge of Mucus forom the Lungo Expectorants as the discharge of Mucus forom the Lungo Expectorants as the discharge of Mucus

ineriase the Exerction of Mucus in the Lungs they must be of Frecarious. effect in some diseases of the Break The Chief expectoranto made use of en Medicine aret Hyook Grown Joy Jemay Royal there act by timulating The Lungo and must in vanu cases be Precareous Plecampane is will more of a Mimulifo 3. Squils are are whill more acrid and disagreeable Sectorals are given in every affection of is breast The dereave of the breast are all bro. Obstruction & Spann in all then Cases expectoration produced the best Solution of the disease in 1 Inflam. mation in Perfeneumonia. Phereny & Consumption the Cure is to depend whom the proper Une of the antipholo. gestie regimen Tectorals in this Can is precarious expedoration is best hordered by ornall dores of Jast Emil: Typupo and Orlly emulsions may lahade the Eyontomo lest adds nothing to the Cure of the disease in some car

cases the eaugh is so violent is absolutely to require remedits to Remove it which may be done by Mucilaginous Emulsions & - - Obstructi: ono an Scrophula. Tubercles & Much Scrophula may have their veat in the Lungo as well as in any hast of the Body and is to be treated in the Jame manner by Mercurial Traper an Te Tupelago has been Und with Junes in the Consumption by Doct. Cullen Consumptions from Jubereles is the Nost common & dangerous - If any of the disorders of the Lungs may be cured by Expectorants it is that accationed by Mune - in Spannedie affections of the Lungo the anticharmodies is only of les and far-ticularly Opin combined with Igdill. to obviate the Bad effects of Opin- a Musture of this Sort may be of good effects in the Last stage of Thursday & Consumption Julagogarduch Substances au An crease

crear the Secretion of Saliva No Medicinis Sorels this Quality when taken Internally but herary .-Mercury its action depends interes ly on its Sumulating Quality During the Most Copracio Use of Merciong in ternally it is not found to have any other effect then might be ax. heeted from ets Hernelaling hua-tity It acts on the Intestines & Ho chief action is on the dalevary Glands I is the Ironceple Midecine of this effect mereury acts upon the Stomuch when any of the Revid Fra-peration is given but on the In. testances when a mild one is given but both acrid and mild Palo into the blood sometimes the acris stimulates the exerctories of y him the mild paper of by the Jalwary Glands Its effects defends upon a Chemical action or Property a Stick mulaps of any hinor applyed to the Salewany Glands would have in Same effect as the survey - an Ernet of Justila

Turfuth Muneral Brodunda Hight dalevation by paping over them and Merrulating them the lativa that flow from a Patient under a Salivation has a Very disagreeable faled Smell the Fumes of Mercury apply to the Nerves produces Torpor Jaly De this occur, but teldown then their effects is entirely Narcotiv It Use in diseases and first, in in Vinenal Disease this is divided in to two spices the Gonor how & Confirmed Lucio - & Funt of the Gonorrhea is a Local disease Confined entirely to the Unethra Xvels down extending as far as the firestate Gland and wethout Ulcersin any hart so that Merenny on this Case can be of little dervice In Method I find to be mostly effectual is a solution of the Caustin alhali Injected into the Unethra in the Very first stage of the disease before the onflammation cornes on in the common method new order the antitholo-

julie Legemen and sometimes Bled. ing Injections of Oil & Mercurial Cint. ment disolved in oil & acrid Sur. gatives Should never begiven Ifit is necepany to keep the Body open Ol Ruini Fromentation of warm water to the part when the ardor Unene is Violent it will also a seviate the forder Safrical bleeding to the Part may comtinue contiibute to remove the Inflammation when the inflamma tion is gone the Glot may be seme died by the Solution of Vilrid all: injuted into the Unethera the crught todrank quantities of Mild Lequor, wuch as Mill He in my own practice I have drop. id the Une of Injection but rely whom the anthelogistic method -Of the Confirmed Lucy or Pox there are invitances of its being in the habit without showing its effects and the drew has been infected by a Surse in which the disease never should any effects - When it appear with Bubos.

Buboes Shoto or Efflore france or the the There Pains in the head . While is allways more vectent when the Poods is heated Justles appears on the Show of a Mallow colour Allen on the Extremetic & Palate Lapo of digh defficulty of hearing - in this case the Mercury has been a Tormsalow Remody whon the whole the Most. symple the Preparations of Murung we the Best the sometimes the acrid Sucherations will our the Dineane If the deserve is chafty exacted in y exterior Parts the acrid Toroperations are the best but if some of the Internal parts is affected the Mild Ireperations is to be prefered a Valivation produced by Sublimate is allways more veolent then w it is produced by a Mild Treperation if Julolimate is combined with opium it delermene. More effec. tually to the durface and is of great. or dorecce then when given in its

og the Hate - alkalino Salt ing remedy when to much Sublemate is swallowed so that if we untiloop or alkali to coros Sublimato it would destroy the effects the Should allways avoid à la vation au et is a very disagnualle companion. Salvation is only afri. terion to know when the Mercury is received into the Habit we should allways use the Warm bath to ditermine to the Thin - when there Buboes Mercurial Friction about 2 inch, below the bestore should be ap: plyed by applying the ountment below the Bulor there is greater benefiting applying it immediately to the port Hected as the Ulrsorbents that take wh the Mercury aplyed in this hafe do recled throught the Glando of the Sast. some physicians say that Buboes ought to be made to Suppurale and by y means to discharge the Visi but this woll in a mitahen notion for bybringing a butor to Supper ation there is a large

Large Surface of Matter exposed to 11 Mortents and must of consequence netard the Cure - Mercury the a Sovarego remedy in the Venerial D. is not the only onice the Lisbon Dut drenk has been known to cure the disease & there are a great many Roots in this County that has in number. lep Cases eured this disorder There is a species of the Lobelia. that has been known the to cure the For the Method of aling it is to take aboute 6 of the Planto wash them clean ther Boil them in this of Water and let the Patient tohe a Large draught every morning and to drink it throughout the day for his common drink the Ulcers are also to be wash. id in this decoction of the disease is obstinate they commonly add a few Most of the Ranunculus which will both Nomet & Tury and if what has been said ian be relied repor can we not say that there are mediumes , as effectual in the wire of the Vineral

highly recommended in the Cure of the lite of a Mad Dog & its the in this case has been confermed

ellercury geven internally and apply) internally may in some cases frement the Hydrophobia it ought to be opplied early in the lete and continued tell till a Salvation enous - But from Law observations made by Doct In Fother. gell proves that neither mercury nor any other Ernedy is a Certain Cunein this diseast Wether the Caustie alhale will cure this discour or not is yet to be delesmened- hereury has been employed in all hends of obstructions and Joreo - with succe fo in Schurhows obstruction of the lipera at has been attended with the Hahust effect - Mercury is amost effectual Remedy in Chronic Suppurations the Liver and in all old foul Ulcers and Jones Coude Mereury has been recomended tous in some particular obstruction of is

Viver as given to the quantity of 20, 3 Journals at a dose, but this is a close. careous Method -- Migenry is also attend with the best effects in a di. sorder known by the name of the facos The Yaws is a direase that Evernblu the Vininal Diocase very much but is a Very different direase from the Vinerial The Patient first complain of a fram Dry mouth Swelling ander the Lower Jow Jones at the Root of the Tongui so extend fown the throat Mun all over The Shin somtimes the Mouth and Nous ers is only effected at othertimes there is only a dwelling in the Grain the Som times the Saking fullo Nocturnal Jains which shows that it is of great affinity to the Vinenal Direard - The yours are more infectious then the Tox "The same Method of Treatment is to be followed in the yaws as was directed in the Vinerial Disease - -The Heves Docto Callen has treated of disease under the head of Cymanche Tro

Children it seldom attacts them after the y for 8th Afear of their age It itighty attacts them after the Hore that appear to be of the Bist constitution - the Children first become above seg and heavy a letter hoarine to the Seeln queck fliesting in the face sorements at the upper end of the Tracked. This way the Palients continue two or 3 days when all the Symptoms becomes more Violent

The Symptoms mostly rented & leturno with redoubled Diolence and the Patient is in danger of being Sufficiated the fatient appears so easy during the lingviow as to flatler himself that he is her.
feetly free from the disease but there is still a difficulty of Breathing we are never to concider the disease as (wind till all the Symptoms disappear—
Wheavances on direction offer Death in some cases there is a luantity of Me we want to some cases there is a luantity of Me we want to some cases there is a luantity of Me we want to some cases there is a luantity of Me we want to some cases there is a luantity of Me we want to some cases there is a luantity of Me we want to some cases there is a luantity of Me we want to some cases there is a luantity of Me we want to some cases there is a luantity of Me we want to some cases there is a luantity of Me we want to some cases there is a luantity of Me we want to some cases there is a luantity of Me we want to some cases there is a luantity of Me we want to some cases there is a luantity of Me we want to some cases there is a luantity of Me we want to some cases there is a luantity of Me we want to some cases there is a luantity of Me we want to some cases the some cases the some cases to some cases the some cases to some cases the some cases the

Mucus stopping up the Traches and in other cases this Mucus is hardened ento amembrane that Stretcher acrofs the trachew the Cause of this disease is a White Shick membranous Comot surrounding and Hopping ich the dat sage entirely This Membrane is of Just a Texture that it may be Macerated in Water two or three days without being laftimed - He shall now inquin how this membrane comes to be form ed we know all young aruma to Alsound with Muus to supply the Varous Waster of the Body

The Proximate cause of this diseases a too great secretion of Anews in the Trachea the thennes parts being carried of by Resperation the lemainder becomes the and solid & forms that membrane that is discovered after defection - Some have supposed it to be occationed by the assurable disease but that this is not if ease appears from oweral arguments

aute oparmodic affections of the Lings is allways firecteded by or acompanied to a dischange of Lympid Urine but this is not the Case in the Three In sparmoder affections of the Lungo thelowe is not affected but in the Threvil is one of the Tathognomonic Symptoms The hour is allways accompanied by a flow of a Large quantity of nucus the That modie affection Never and lastly we conclude that its is not sparmode the Iradishoring cause a lobust habit of Hoody and the Exiting or occation al Com is any thing that relaxes the Secretory Organs The horsenes He is owing to a colection of Mucuo in the Trached is Mucup obstructing in the Lungo ac-Red face & ---The disease to be devided into 2 stages

I when we see that the Breathing is

very difficult the Pulse full de we may not be much Alarmed the first favorable Symptom is the Cough becoming strong - --Blisters is not of great lungit Vomels has been given in this disease but they are not of somuch the as has been af sined to them the Increase the Seenetion of mucuo in the Tracked and cannot broduce the good effects dring to Them Surges are of more dervice by for then Vornits the Mimulate the Intestines and dwest the Mueur from The Trachia . Calomel is the But The decene yet known in the Cure of this disease it aught to be given in Large dores and frequently repeted but is the membrane is perfectly formed then medies of this hind is too late except it can be braught away intirety in may before which may be done by vomiling coughing and BronLong Sipper has been applied with our

Lect . 30 #

Comelics and in the first place of the Inferations of Antimony whor chif action is an Emetir that it may be vaid to be Catharlee Deaphorelis and Dewret. ic It is divided into Crude & Olegulin The efficacy all depends upon the regules this legules carrot act on the Human Body before it its converted ento a Saline Porepuration - In the Coude antimomy the Sulphur is not to be acted up. on by our fluide and is in somecases entirely innert It may in some caves be affecteous the it is a doubt full terredy when we low the Crude anternony we should allways prefer the John of the Comes as they contain more of the regulate there any other front

Vin Emetic and Sart Emite in the antimony combined with the Vigotables Reido Vart Imet is to be profesed as it will answer in any case wher antimony is indicated - The Treperations of this Medecene has been made Use of enmany die seases - Atimony has no action whon the Fluido but is entire confined to the Tolids Hacts as a Humilius on the Homach but this is not the Only has that antimony acts whom it Passes through the Pylones into the Intertines and there acts as afathastic Thysicians have Long been trying to obtain a Someperation whose action was confined entirely to the Intistenes but to no pierpore He chief action is on the Homach and is from thence comunicated over the Whole System Here intend to have its purgative effects without the Emetic it Should always be given in small done The Jaline Sorperations of antimory if given in solution acts as an Emutic Tooner then when given in any other Jorn it prove Sudorific from toon cent of the Homach with other parts

of the Body It may also in some faces prove discretic The Butter of antimony combined with fal ammon ach as a Teuretic Some of the Superations has been supposed Expectorant and par. tecularly the Hermes Mereral but it will not carte Expederation any More then what might be expected from a Common Pmelio-Diseases in which antimony is Indieated] The Chief effect produced by it depends whom its Emelie Virtue Vornits constitute a great part of the Moderene Soa. tive This Medicine has been alluays recomended as a febrifuge & too much cannot be said in its favor as good medicine in fever Physicians thought that it cured fever by its evacuating healely But this is eroneous for we find fever in some care curid with. and any evacuation as for instancein the Pheumation and other Inflammatong fevers I have when you before that medicine may prove antes from. odie and Seap horelie merely by its ortion on the Homach winn the Sweat

and in concequence of taking an timemy it mostly continues 2 or 3 horre. The Julie at first becomes quick and if there adelerum its is augmented but affler the Sweat begins to flow the Julie becomes Mower and the Velerium relieved this is its offuration in continual fivers It ought allways to begiven in huan tities sufficient to exete Naurea or a I male degree of Vormiting when we went its Sudorifie Effects - Anternomial Fre. perations is somtimes given in Intermetting fevers with Junely it ought allways to be given before the Saroxim it relieves or puts of the Symptoms & brings an irrigular intermettent to a regular type we may in this care give it either in Solution or Substance Sart Emet is not the only preparation of Am timony that is used for this purpose all the Joseperations anowers the James hurfrom but in a different degree Thave frequently our James's Touder given with success in the Hospitals on Edenbourgh but Sometimes it facts of producing

producing its effects if It meats it an acid in the Homach it acts Veolintly but net does not meet with this aid it is of little or no effect. Fast emet is cer. tainly more thur and yfulual The Ce-Which is at the Known by the mans of antiquartium Revenus ets andemony combined with a festain proportion of Mersing) this is a Valuable medicene in the Betions Hever especially if it Purgeo - The Celebrated Doe Huyham profes the Anternonial Wine to any of the Treperations of antimony but this is certainly a more uncertain Imperation then Tost Emet as there in a great difference with legard to The Sourness of the Wine employed in making the Vin antimonic so I Thank I may conclude that Jast &. met is the Best Treperation of an. temony now in How _ Antimornal of defrenting these depends upon its effects as an Emels & Oung atrices but

there do not depend whom their ?metio Sower but the Come vontine. depends whom their Deap horelie Vir. tue - The Sagacious Sydenham said the dipenteres was a fever thrown whom the Bowels for what is more forequent When the Trusperation is ob structed for the fluids to be ditermined in whom the Bowels and produce of diarhaw and if this obstructed for shis ration happens in the Jummer a Depsenting is produced - Soct. Baker has found the Sast imit more effectualin The Cure of depending then the Spheeacoanna whech was supposed to be a Their fic - Vitrum Antimonium has been crejed up for the Cure of this disease but it is allowerst incolable in the our flieide and al any rate its effects are more doubtfull then Sort Emetir as this Mr. decine in the depentery gives a New ditermenations to the fluido il stando to reason it would be of the in other diocases. The Vetrium Unternomero has

Ben Und in Hamorhager of the Utterus The use in this case depends whom its diaphoretic Quality determinent of This and taking off the determination to the Uterus - In Hamor hages and diff senterys it will be more effectual is com bined with Opeum then either of them Jingle - The Seakhoretic Effects is further proved by the Various Couptions of the Thin it is scarcely Necessary to mention that antimony is one of the most effectual Temedyo in these Cases but the best properations in Confilion of the Shin are those that is Least aft to Perry as antimony does not act on the Filingo it must certainly in this Care produce its effects by its action on the doledo as the Treperations of antimony has such Various effects as Emilie Cath. artie Sudorefie to I think me may concidere it as one of the Best Mederines in our Materia Audiew - & Jam not under the Least apportunes one but Children

may take it as well as Adults as Children does not bear any Evacua. lion So well as Vornits There is but one inconvenient, that attend the use of Emelies & that is the Weaken the Homach ---Specacuanha is a Root a product of America it has been given with Surcefo in deforating and has been Supposed a specific in this disease The action is queher then that of Sart Emelie and may be used where Speedy Vorneting is lequired Doseis from 3 to 20 grains --Large and Seldom draughts of Water is bet ter to work it off then Amale & Repeated forequently Camomile so proferable to Warm Water ---We order Emities 1." to prevent fever & to be given in the Beginning of fever 2 in the Eruption fever of Sorrall Pax X Measels when there is no topseal I'm flam mation They are also indicated in intermitting immediately after the Paroxism fremen

Physicians direct it in apof lery thint this is a Precareous method after a debuch and an Aired Glyster Should be administred at the same time when it is owing to the Homach being over Loa). ed Julie weak Breathery hot and diffi cutt - Emeties are of me in convulsions occationed by Worms in the Bowels they an also indicated when Patients have owallowed Town of a Vegelable Na. ture they should Ente Veolent Vomiting after the Varneting is exited he should French Lang Quantities of Wa. ter audulated with Wire Vinegar But if he has swallowed Americalomuts has been improper in this Case Warm Wale Melted Buter Oil No should be administed as wheely as porable to Sheath the Specula of y arrenie - If Coros dublimate is wwal. lowed the athaline tate though be administred which will decomposed the Sublimate by Uniting with I'm Muni. atio Docto Doct Robinson has thewn that they are employed with Jucce to

Lecomended Sea Voiges but these are thought to produce their Effects by the Vomiting Occationed by the Sea Sectione fo —

Vomits are improper to those of Weaks by Constitution the should not be girly constitution the should not be girly constitution the should not be girly during the Paroxioned nor are the forometer in Violent. Agitations of the Mind Nor during the Menotrual Period Nor during the Menotrual Period nor in persons disposed to Apoplery nor in those who have hereias —

Lect: 39:
Catharlies compressall those dubitans
co that increases the Evacuations by St.
ool they wacuale the Contents of the Ho mach the Exile the Peristallie Motion
of the Indistines and invites the Third,
from other Parts and merease Absorption
on and are on this account of the in
the dropping They invite the Blood into
the dropping They invite the Blood into
the Desinding Rorta an Believe head ach,
a

A Long and frequent the demenish is town of the intestines They are not of much Irrelating the Return Froduce Files -. Catharties is devided into 2 kinds 1 The gen. the Laxatives or what are called leoproties They appearate without thomalating The Rectum & 200 Drootin or Stimulating -Moder the head of Gentle are 1 Frents such as Tamarends Truens de In Inflammatory Cases Gentle Laxalives is Tiroper The following decoction is very proper for that Surpose Bij of Lowens & Jamrindo : Water Boij and Some of the laprepared June of Same Cherry's The Next is manna & Lugar - Manna is littled Superior to Jugar and in Leable to ferm. entation in the Somach Nest in Or-Carter Oil is a Most excellent for a live The deed from which the Oil in Exportsed is an Perid Toison Collie Pectonis as I said before Generated by Gortieles of Lead taken into the Body The Och.

by inveloping those Salurnine Parteles Generally Curs the Diocoon Alo Generally Tapo without being digited It evacuates the Contents of the Intertimes without Fritating In the Hyole. rie of Hypochon driac disease then is not a Gurgative to be compared to it It is one of the Best in Habitual Costimunes It is Likewise the most effectual and Best Laxative in the !-Files Julp is also a mild Laxature and has been Fresented in the Piles but is not to be compared to Ol. Nicini Musterdend is a a good Cathart in Saralitie Complaints Joap is a Laxalier but not a fartain one. Next in Order of the Mild Lungatives in the Sintral Sals Such as Sal: Glauber & Uprom The Common Glauber Talls differs in no other degree from the Epom then being More Clean and free from Impurities The Instation from these datts is confimed to the Bowels the how been given

in fever and in the Itleur they all posepo a Sodation Lucility They ought to be given in Amall dous there is not a Baller Medicine in In flammatory disorders on account of their Ledative Quality Sentral Salts are improper in in all flatilent distensions of of the Bowels They are Likewise und peropor in Hysteric & Hypochondrias Satients & given in the Gout it free quently Causes an attact of the Homash 2" Rerid Lurgatives 1. aloes is a lung of a Farticular Quality when taken in Small Doors it does not Greps In the Hypochond: Viscos aloes afformada good Laxative It when taken Ta Lang Dow produces the Vils It Stimulates the Rectum which Hamelus is Comme neated, the Uterus and brings on an Attact of the Aunses Ito the ought allways to be confined to Scanly deention of Bile - The Balanin Purgatives is Shufly indicated in Sharmon div-

Cases without fever . -Rhubart this is a Valuable dring in oome Cases when it is good it is of a hedish Yallow Colour dry # Britte & forfract in Shape Glerembline a horse host It Should be Variagaled Phubart has been recomended in de foenleng on acount of the antrengent Laxutive Qua. lity but it certainly in this (are in of Little Concequence but in of the inthe inthe Searhaa & fluor Albus, Phai may be employed with Junto Rhubart Fills or Linelun of Moubart is a good medicine Subject to thor Subject to Flatuline & Cardialgie & Stappian Children peropor for the diseases of Fol: Sence: there are of the Acrid and Sumulating kind best given in infusion in warm Water with the addition of Conander Seeds or Orange Teal which cover the Imell and taste It is Inferior to most

Jallafo is the Safest and most Effectuals of the Slemulating hind of Catharties It purges without any or Little Stime where Jalah alls as a duaretie and is thed in thy dropies Complaints Hought in this Cases to be combined with Calomel and given in the Early Hoges of the discase + Scarnmony is the Juice of a Plant in Olepho Pune Seamony is of Lighted of a Shiring appearance when Broke It is of Various Colours Tearmony has bun Recommended as an Hydragog Variand methods has been made the of to Lender this Medicine Milder but with abit Effect - -Diuretics) by Yourthes Imean Those Medicine than inerease the dir charge of Urine and are indicated in Dropsies -The Proxiomate Cause of First sies are ather.

wither those which depend uporing Hate of the Fluide or those when depend upon the State of of Solids or Vefoels and first of those that depind whom the State of the fluids the fluide are hable to be changed by Jour Quantities of Water taken in boy with their bulk is increased & by the Hoppage of Evacuations or Secretions as Obstructions of the Uninary papages & Obstructed prespiration both of which often occur in producing the Dropoy the fluido may be increared not only by the Luantitie, of drust but by improper assimilation of 9 food The Suppression of Exerctions is not allways the laure but Somtimes the effect of the droppy parhentarly thong then aguarous* I another course may be when the * a Eupline of a Lymphatic and a haralitic affection of & Veino - fluido

ver producing asitis & anasarea 5th a Vinous Plethora is a frequent cause hence it is that old people are so subject to dropoies this may be owing to a want of Jawer to promote Motion in the Vefrels and proper Circulation of the Blood -The last care may also be owing to a demunished absorption hence it is down. times Relieved by Vomits in 12018 hour a delemenation to the Thin and Some to the absorbent being Vertored this cause's what produces the Adamatous Swelling of the Lower extremelies viz by the Venand obstructioning the differeding blood the Last cause of Broking may arise from an Obitmetion of the Lymphatees but this beldom happins - -Gure must be varied according to the Coun therefore no general Indication can be gi ven But wether the dinare depend whoming Hate of the fluido or Solido Denrelivare proper & generally nece pary to processe a temporary telief by melegating the Symptoms till lemedies addopted to

304 Lect? 46h antiseptics) There are few or mone of the Medicines that belong to this Class but what has been Treated off Before -Putrid Disorders are all Marly same in thier Nature and Cause and what is said of one may door for all. The Same Pauce will in one produce a dutrid fever in another a Angina Maligna and in a Think a Depenting we Shall first opeak of the Occational Course and then ofing Tooximate all the animalishus. have a tenadency to putrefaction and would Certainly hun unto it if it was not privented by Toropor Rerendies - The Hurrors of our Box dy is more or less Butrepent accord. ing to the nature of our Alement Unsaum and Impune food has atendiriting to Graduce Dulryaction Farrons of a Strong habit of Body is more

hable to be attacted with Tutred di-Habit Violent Enimine may act as on Occalional Cause Mpt. Lequors - jood of difficult Bizistion may also act as an Occational Cause Exposure to the Rays of the Sun - Whele the Exerctions and Secretions are proporty performed the Satient will enjoy Health but an Obstruction of thew may act as anhemote Cause Serions warming bed Juddently Exposed to fold Evening Due & Exposure to Cold after a hot day Sanlıcular affections of i mend deminisher Gresperation Long continued Watchings Sutrid Exhallations - Warm & Moist air has no tendentry to produce Lutrid Fevers but wile oceation Intermellents. Doctor Lind Say lors are more healthy at Joa then they are at Land The higher the Ships on the Coast of Guenea the More dehly & Visa Versa From what

what has been Saide if thenh we may Afoirt that Moist and Cold will and produce Butrid fever without it is combined with Sutrid Exhabitions When Certain hart of the Earth is on verflowed with Maler there is no such thing as a Tutrid Fermentation toks Place and the Inhabitants are all healthy and at the dame times those that Live by rapid Streem are healthy Those that Live mear Mag. nant Water are Unhealthy -from All these observations of therethe we may conclude that the Frommale Cause of Sutrid Disorders correct in a Justid ferment taken in or Generated within the Body and Converting the fluids into its own Salune Jone Seople have doubted we ther July dever, are allway infectious And to me it appears that No person can be infected except he is exposed to the

vame Oceational facese - all Putrid di-Lutrofaction Sendency 3, their lestone Some to the System - Bleeding whould never be employed untip we are certain of an Inflammatory Deathes Vomets have been Und in Julied disorders but Doct Hallery says of there is a Constant Nasra Fresand in with Vilmolie acid then Cases and that Camumil Trans evacuate the Contents of the Somach without administring and Emetic Memulatine, Surgalier Should be an voided Dococtions of Tommendo sho be gum to heep the Body open X Liment Glyster would be of dervice But we Should always quand aguenit a dearhow but if this those hatien Janammon may be taken in small done but if this Should fail a Small Quantity of Bark &

Terra Japonnica - (Blisters) when there is a topical affection Blisters io of Mr as in the Angena Maligna They Fritale the Esternal and by 9 means relieve the Internal Parts But I must own that Thave not den the Good Effects that has been areribed to them they are said to bring on Gangrene and this is the only objection Thave to them -But to Esist Putrifaction all the Medicines and Frenko directed as bove should be imployed together with the Elizer Titriol and Bark The Bark Should be Und in Lange Quantities and as much as the Valuet Momuch well bear if his Momach will not le-Tain the Bark it Should be given Glysters - Him ought also to be employed of the hos a Wild Raving Look the head Should be Showed and was hed with Shirit Harm Formentations is ofthe in There Coses - In the Uleerous Jones

Some Throat Doe! Fothergele recommend a gargle to be made the of. composed of Barley Haler Vineyar Honey and Should be Injected into the throat - In Jutrid favers Cold drink may be alowed Terrono Labouring under a Putrid mostly have agreat aversion to food but the Should allways be facered to take some Howrishment as it will Iroduce a farmentation in the Stomach and Correct Juliefaction all life fruits Should be Und __

This Limmen and Bedelothe Should be changed The Should take a few dones of Rhai Gentle Enercere shows be made Une Cold Bath. He is Blisters or Epispasties by Epishasties by Epishasties by Epishasties dre to be Undersotood thou dubitances which increase the Action of the Theolis in those Parts of the Sur. face of the Body to which they are applyed

applyed in such a Manner as to produce an after of fluid. there From the Une of Epispartie Medicens the following derect effects are produand 1. they exite Sain 2 they enerease the Quantity of Fluido Gerenlating the rough the hast to whech they are ap placed 3" they produce a dischare in i form of Servilyhor in the form of Ous The Changes induced in the System from the Toining effects of Episparties are I'd allention to the Sensaleur of Pain Excled by the Applycation of is Epishartie 2 on Inersone d'exitement in the Wirvaus Energy throughout the determination of Blood to the Forthor lieutarly acted upon to a diminution of the Quantity of Blood Papure through the Blood Nepels of the Neighbourhoad of those in which the flow of Bloods increased XA Permanent change in the moder of Circulation a deminuteon in the Quantity of Circulating fluids

and a particular Deminution of the derous part of the Blood -The different articles refered to the Glafo of Epishastico may be distributed in the three following orders 18 pirpartiew Rubefacencia ao Esamples of Which may be mentioned Senatio Volatile alkali 200 Chis partiea Vesicantia Conthardies 30 Chishastica Suppurantia such as Speces and Setono -The Indications w Epishastics is Cahabele of fullfulling may be denve) from the three followin sources 1st from their acting on the Hervous a To deriverish Violent Jain & To taker off the Effects of Unionmon Singibility o to Remove Sorpor -2" From their altering the Balance Circulation Hence they be employed & To detrumish the Impelus of Blood against any part Morbidly affected b To demnish a Morbed Increas in action of Vipolo in the Neighbour hood of thow to which they are Poply

312.0 3rd from their Producing wacer ation hence they may be employed & To deminish the heantity of Carenlating fluide when too great for if state of the System at that Time b To evacuale Morbid accumulations of These Indications may be confirm ed and Illustrated from Fractical obvervations concerning the Use of this parties in cases of Sooth ach Hamorhagy, Apoplery Opthalma Hepaletes and Hydrouphhalus -The Frenciple corcumulances lesmeeting the Choise of Orders in the Chapo of Epishasties many be deduced from the following observations concerning oach - -1 Epishastica Rubefacientia The Indeveduals referred to this Order from Their nature are not ordenowelegue pheable to answer the Surposes for in the Clap may be employed They are fet. ed to fullfill some Indications from an action on the Nervous distern They

are Preferable to other Epispartico for the Removal of Torfor when suddent. by required they may also comtimes be employed to fullfill Indications as changing the Mode of Circulation but they are rarely with this Intention preferable to the other orders -From the degree of effect they produced they are applicable to these care were thight and transitory Change are Wanted - The Constitution, to which they are principally addiplet tore dry Span habits those which would be heart by any degree of Evacuation & those much debelitated by long continued diseases -2" Epuspaolica Vesicantia The Individuals belonging to this order are From their nature adapted for all if Inducations to be anounced by of Claso they are particularly proferable to all others where wacuation is oud derety wanted - from the degree of Effect 4 Troduce they may be employed where

where the highest changes are legise set they will searce admit of being adapted to those cares where slight changes only are propper The Constin lutions to which this order of Epishan ties are chiefly adapted are the derous for Theegmatic Those in the Freme of life and those who are effected is acute diseases 3. Epropastica Appirantia The Individuals refered to this order are from their nature adapted to fulfill Those indications which may bean. owered by a Change in the determination of the 13 lood they are frequently of remarkable dervew for deminishing the Impelies of the Blood in harts morbidly affected They may also be used with advantage todas memor the Morbid of action in is Sughbouring Vefoels if a conceder a ble effect be not Inddently Required They may be Used lihewise for some her-

hores to be answered by evaluation They are not addapted to demenest the reconcity of Circulating fluid But they maybed dervice for wacuating to rous learnula. tions they are Chiefly of the for this purhore when they are deep dealed or in their nature Juck that they cannot be cavity welled whom the Constitutions to which they are addapted on preferance to other Epispastiis are the aged the Irretable and thow Labourers under Chronic Complaints -The cautions to be observed in the Employ. ment of Episparties as definived from their nature chiefly respect the Pain which is recationed by their action especially when that has no tendentry to remove the complaints agains in they are the The Inflammation they crete in a part to which they are of. played And the Shangung which is a frequent attendant of their Oppera. tion, the Conditions of the System in chiefly orequire attention in their somplay

employment are the female Lex Lox and Theymatic habits The Circumdances cheefly to be observed with regard to the legemen necessary during the (Pup inspect the accommodation of the Det and temperature to the diseare of the Galunt the Mr of demuleents and dilunts and the Linth of the ap. plyeation of the order of Vesicantia She breatment of the Sart after they are inmoved and the continuance of spirpartie Applications when the order of suppurantice are employed -The different individuals belonging to this Clap of Mediunes and Chufly contra-indicated by the presence of the following morbed States a high degree of wordability in the System in general Morbid Thefretiede of the Blood or a general innadation of the fluido-Blisters are of the in fever accompliamied with head ach & particularly Coma Tind Thereing when & Terefiner

money when the Julie has been ver deced by bleeding Bleter, and the Ulmost the They are of Lettle use in the beginning of a Continual des ver When there is a Subsullier Jon. director and when delever come on Slowly They are of the Service and forquently highly injurious They be from the hain of an Inflamed Part -When applied in hepatites Blutins lower the Julie Jones then Bleeding It was formerly a fastion to apply Blisters to the but this is very inconvenient and they are Very deffi. cutt to head To the head they give the Least Sain but they should never be applyed here when there are any Timples as the Canthorid: will be absorted and accation tranging They are at present mostly applied to the Theeps Lago & Wrists and in this card deldom produce Stranguny Blistens somlime, Produces Tenermus this must ter obviated by drinking large Quanties

of Demulant Sink when a Man. geing is produced nothing will remove it so effectually as Landenum giver to the done of 40 Drope Formentations to the la Sulis will be of the in this (are in the Ungenes Sutrio: Polesters to the part affected is attended with the best effects In the Angena In flammatoria after Bleeding they are of the When the Glands are of feeted only Gargles are of the greatest benefit - In the Angina Cordals Wine to should be made the of along with Gargle of Decoction of Bark - Bluters are affectual in y Sooth ach If it proceeds from a Pheumatic Offection But if the Tooth is decayed and the Ol Coriop: does not lelieve the Jain it Should be Extracted - In In flommation of the Eyes Blisten are ouitable In the Sciatica Bluters are of the Ulmoit Service The Thouldbe Lang

Repeated three or fourtimes or heft open for Some time - In a Retrogrey sion of the Gout. Blitten should lucapely and continued tile the Gouly Paroximis over and if the Takint is plethorie he should Loosed a quantity of Blood The Blisters Should.

be applyed to the feet

When the Lungs is Loaded with Mucus
Blisters applyed between the Sholders
will be of Service. They are also of
Service in if Coleca Thetonem opplyed
to the thighs and they are equally
of Service in all thormodic Complainto Homorrhaes is also eurod by
Blisters which, is owing to their hose
lishon moder heality In Garalitic
affections of the Bladder adary Epishastir applyed to the Or Socreum ginerally believes the Complaint a

There also of the in the apoplery

Emmenegogo, It will in this easo be proper to explain the Nature and cause of the Manows - This Evacuation has got the name of Mendernal flux Men. ses Catimenia & Flowers The Use of this evacuation is to prepare the dy smem for the Nourishment of the fatis as there being a greater Luan ty of Blood then is nece from to mounish. ment of one Terrow - Some Jay that this evacuations away to the Influen. a of the Moon but the first Expen rement that prove this is not the cow is that some have a literon of the Mencen in 20 days after the Attact other, 30 days 2" if this evacuation is owing to the Moon Weaman ought to how et all at the same time but I don't suppose there is an hour in the year that there is not some one Menobrualing Others say it is owing to a farment

but how could a firment lie dorment in the habit 15 years without producing its effects benedes fermenta. tion changes the heality of the Blood but it is well known that this is not the Case astrue says it is owing to the peculiar Structure of of Utimes But as defocation has not shown this to be the Case it cannot admitted . a. General Thethoris state of the System mis as Supported by Haller & Frund to be the Cause of the Menous for say they as a fatur and to be nourished a greater Quantity of Blood then is necessary for the Nourishment of herself is formed

but there are Many women that are put to hard Labour that have a Perodical Return of the Menoco & the Menoco hap. her in Gerlo where there is no degree of Plethora and taking a few aunces

Blood from a Terrow that contains from 25 to 30 Towndo & Domen Sabouring Under Diseases and that are much der belitated Menotruates as Usual It is between some blood to bring on Menotrua town away some Blood to bring on Menotruation. The Menous according to my oppinion aresis from a Plethora of if Uterus which is Deculiar to the Sex das a falus is to be now rished by the Vipels of the Uterus it is situated in a Capacious Delvis.

age the Blood begins to Howe out in small Quantities and continue the in their State 2 or 3 days and when the Vepels are freed from their Load of contract at they succeeding Diriod they flow of blodd is more Luich and the Vepels are more laich and the

Parasismo mortly observes a legular Teriod - and those Terrodical Esturm is accounted from Habit In the same Manner that Deriodical Movementione left life in other Losts of the Body - The Immediate cause of the menors is a distincion of the Utenne Vipels in dependant of a General Plethora - We Judge of the Approach of the Menses in a girl by the following degna the Breasts grow dumid there is a pain felt in the Lumber Region the Lego are effected with adematous Swellings there is Lop of appelete with Taleness of the Countinance theodymptomo occur for two or three of the first beturns of the Menses when they Generally return without Sain or other Troublesome Symptom, & continues untile the 40 the 45 or even the 50 Mear when they begin to deminish this is the

most critical Period of a nomano life if they survive this they generally are less subject to disease after it then . hen at that age at about 50 they Generally cease this is owing to the Cerculation being weaker the febres more legid and the nerves less tensible so that an accumulation and distin. oion of the Vepels do not take Have the Inconvenionae and danger attend ing a stoppage of this discharge is in proportion to the Juddenness there are not awing to a plethora but a change of Ballane which the System at length becomes habituated to -Wer are next to consider the diseases attending this discharge there are diveded into those heads 1. When it does not appear at the proper time I. When does appear at the Tropper time and is Suppreped 3rd when it is too Copious and then may be denominated on Hamor.

Of the first when at the age of 14 or 15 Years if the Menses do not appear all the Symptoms Usual at their aproach are a gravated and the Patient falls into a Clorosis the Symptoms of Which are a dullness drowsiness Paleness Sower Erutations Vometing of acido her breathing is Saborious and Infficult with a continual desire for Chalk Coals Ashes or any lestaceous outstances The Cause is first to be saught for in a fault of the Uterus particularly in a relaxed state of it Our Indications of lune are first to be obserng theene of Increase the Some of the Tolide The 2nd to promote this discharge but caution is necessary as to the manner we must be carefull & enderour to Lead & not to drive Flimulants will be necessary but row must be confullof the Choice of them as an hamorrhage meght be oceation from the Lungo by if the

Show that are strong Xerite the Vigorerous action of the heart & artines as well as that of is the Menoco If the Setuation & unumotances of in Gerl will allow she must be removed to the Country redu on home back we Sestaceous Powders Gentle Burgatives and an animal det by this Tone well be vestored to the System & the Digistion be assisted we may then the Tonics Remedies We here confloy the himinian Bark & all the preparations of theel in preference to any other Tonie The Various Mineral Water may be of Service & lastly the Gold bath sh? be employed to complete the Cunit The Second disease accompanying the Minous is a Suppreprior of them This differs from the last of those where I never had flowed the Remote Course is awing to papions of the Mind * this Course is to be taken with a Gerl that has never had the menses -

as anger Terror Greef you & the like . to which may be added mois air a too plantifule Uno acido but the particular Cause and what happens 9 limes and of 10 is Cold which they are affected with by walking andamp floores & washing in Cold water during the flow of the nenows - The Frommato Course or two the first is Lacety & Debelotes of the Solids in general and particularly of the Uterus -The Second Troumate Course is a Spanmodic constriction of the Vipels of that organ - By the first viz Lavity De a Languid Circulation is occation. ed the Oulse is Languid & there is a want of Fourse to peropell the Bosy through the Remote Capitany Vepels hence it is no wonder that obstruetion take Place in the Imall Vefices of the Uteres - The Cure must depend whom vertoning tome to the Tolide In the Second Bluding and the anlithes.

gistic remedies are indicated by bleding we demenish the Quantity of the Fluids so that if they do not offear we avoid the Unal Inconveniences of Plethora. Norm Gedelevium should be made the of for a considerable time as it then ly proves a Conciderable stimulus to the Relaxed Vefrels of is Uterus and Droduces an Increased action of the Heart & artiries His also scruesable to care the Taons but it would be sofer to Bleed first Warm formentations should also be applied to the pubio of thelin. tesparmodies commonly this in this Care Thouser Opin Thous often known a good fore of Landanum bring on The discharge immediately when the most Celebrated Emmenegoes have failed the Talient Thould Une a Share dut Lavoide fold the limedies should be Und at the Unual Teriods of the discharge when this obstruction and dapprepare is awing to debelity a different Method of Cure well be neethony We

are then to employ such remedies as Thengthen the Solids and increase the impetures of the fluids for this purpose Emeties are of Ulw but above all Cathort. ies We here employ the Gums Postorbil & aloes this has a particular Quality of Shomulating the recturer and commu. nicating its effects to the Uterus-Jonies are und with Himselants as Mustard and back Steel & Bitters of all hinds will be Unfull Electricity has been and wn to produce this discharge almost instantaneously Everies Torbenlarly Reding on home back is Une full Mineral Waters May be drank - The Best Should be Light and Hourishing consisting cheefly of animal food with the Moderate Use of Wine and as soon is it is safe the fold Bath well be of in mant Service when the discharge seases at the Unal Leriad we must then Submit to the Established Lower of Nature But if it stops Juddently with Evils Imentioned in the for

mer part are here to be expected The Therow disorder that Imentioned as attending the Menois is when the discharge is too Copious and when the perods return more frequent then Unual the Proximate Cours are first Sathora Second Landy & the third Fritateon that Plithora can produce too copeaus a discharge is not doubted as well as other Harmorrhages we may easily tell when the Cause is a plethora by the hardness Shingth and fullnep of the Lulio difficult breathing & thenit the Relaxed state of the Vepels giving no visitance the Blood casiby burst's their Extremeties this The Thora may be owing to an Indolent life and high living to grather with a Supposion of the Natural Seentions - the Cause of this Laxity is hard labour en Indolent life w em bathing weak and watery deed the Use of Hover to the feet in Cold Wester

& warm Tedelivea A third causio Tritation occationing strong Ofsillations of the Vefores of the Uterus whence a great er quantity of Blood is determined to that organ which produces a too free quent and Coprous discharge This Foritation may be of two hinds for that which arises from the the of acrid shedienes too great a degree of Coition or y Himulus of Vineral Vines - 2. If may arise from too great a degree of Fritalion in the System in general & of thellterus in particular Those homorhays that arise from part of the Stacenta being retained we shall have to sheah of here after asto the Cure of Harmorrha. ger from the Uterus if it is owing to Ileshora we must deminish the huontity of fluids by billiding & Gentle Can tharties the Saturt Should We a Shone dut fool ain & Rest Il from Pulavation first by astrongents as the Bark if there are not Sufficient alum must he swen in Substance & Allum Whey

Clothe wet in Cold Water may be applaced to the Oulse & Pulis if there fail Injections of Cold Water or Strong decoetion of Oak Bash injected Cold and thrown into the Utirus the le turn is to be prevented by the the of gentle Astrongents and the drent should be Clarret & water moderate creraise must be Used as the Tater ent is able to bear It If it is owing to Irretation the Course must be demoved & the Increased Tensebelity of the Part deminished by the the of Opur for this purpose Glysten of Harch and Opeum may be employed with advantage

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Lect 19 Anthelmentics and those Umedies that are intended to distray worms & capell them from the Body - The Worms are not in themselves a disease theyou the Course of a Vascetis of diseases They aught therefore to be semoved as quick as popolile as they share the alement and definew the body of part of its Now. rishment - some have suffered that there worms are generated by heatrefac-but that is not they (and that the worm is continued on the Same marrier area Elephant or a Whale we take the Eggs of the Worms in by our drenk and food & ever every day of our Liver Swal. low thousands of these Page - but who jis not every body affected with Worms

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Tenons of a Lax habet of Body are most subject to worms and Visa Visa the Tobust and Strong let Subject -

There are 4 hinds of worms that affects

the Human Gody Wir first are what are called the Assaridies there are Whate and Pointed at Bothe Estremetics they are chiefly selecated in the Pretun Detumbricates there resemble the common fish worm but are White hort Inches Long 30 Senior or Jake Worm These are of concederable Longth with articulations when the Articulations are seperated each Suevir called a goand florm which in time becomes a perfect tinia or take worm they in This respect resemble the dolyper very much for if you cut this Animal in as many There as you will every peres will become a perfect dolly hus There are instances of Take worms of as 100 Yards in Length and it is not Umcommon to find them from 10 to 100 feet long If are the according Lumbra condusthing are of the length of the Mound worm but They are short at both ends - There one other worm burder there in some cases present in the body but these are Rose

The disorders arising from worms on Various as well as numerous 1. They share the food with the Patient and hence the lavenous Appetites 2 they form a Nidem which distind the Intertines in a particular part & a spainedie in concequence their Excurrents Um dergoing Subspaction Produces dearhan and they may in some cases pinetrate the Abdomen - Worms are Injund by Garlin Jugar Liquosish dalt Meet. He the Foretate the Bounds and produce griping Bostonegma Searha a to by the Connection of the Bowelow. other fast they Broduce L'alpitation of the heart Epslitter fets Twitihing of the Sundons the & there is not a diseare that cannot be unmelated by Worms in the Intestines - -The Symptoms denoting the Gresine of Worms are an Unhealthy disagreeable Courtanance Blue ling Coundis Eyes Itching at the Now Voracious appetete When asless the sleep is dis

with Twilehing the Talient approxis as if it was often Iwallowing in it. Heef Grending its Joeth Som time Hallowing out in its thefe and hier continually on its thomach In wahing in the morning there is fantine so takes Flace Stinking breath a Pumbling noise in the Abdomen and somtimes the Abdomen is Turned the Palunt is sometimes affected with dearhan at other times Costive alone of Sucking in the Bowels Portation in the lection tines mus some become almost Mad other foolish some one attended with convertsions other Lay Megid as if the Where dead and becover with Convertions but all those Symptom does not occur in the Same herron at the same time - after concidency the dyonptoms as the attend worms in general. we shall Troceed to speak of the Lyrrhtom that attend each in Tarheular and first of the Take Worrn in this

case there is a some of teching in if Howels allende with motion & Pain in one lide Grepenz but what is a Sure proof is the Vaiding of Goard worms - ascarides their habetation being in the Rection they accation Tenemero _ Remedees for destroy and Expell Worrs May be devided in to 2 hands 1. Those that act as a Soison and immediately destroy them 2nd those that make their place of abode disagricable these are Betters as Wormwood the but there will oldern answer without having some more powerfull Jul. stance added to them But Betters by Atreng thening the Jone of the Intestines they may destroy worms and prevent a generation of them - Jurgalives ofma. my hunds destroy worms to by enemas. ing the Tenstattic motion of they with times and carrying of the Worms in y manner 2" by deluting the contents of the Intertines and loosening then hold then

Then they are easily carried off - But Parying answers beller to carrie of the Worms after they have been kelled by other dutestances - Joursons are divided into Mineral & Vogetable Mineral are all Saline Substances acido Alhalils and Neutralo but there well not hell worms except they are applied in a very concentratio . Plate which can not with convenience be done - Julphere destray worms of all hinds Drenking Large Quantities of water 4 contains Hepatic air But they are. all inferior to other Mercury, Jim. Copper, From Mercury has been given in various forms Water has been made the of to destroy worms in w a Luantity of Crude Mercury has been boiled but this Treperation will do no more server then the Same Luan. ting of Water Would do as the Water in which the Luckbelver harbean boiled has no hower of disolving it in

erude state some have employed Elthrops mereral but all the good conrequences attending this preparation is occing to the Julphune it contains! The Townesple and most effectual Fre-Auralions of Merecury are Calomel & Mer: Corors Sublemate calonul may be your begitself or combined with Jurgatives - Coros Sublimate may he given in the form of Tells and there is scarcely a Medicine more Towerfull then this but it assept not to be given in debelelated and Irritable Intestine Ireperation of Copper might be a good Medieine to destroy but they connot be jeven in sufficient dore as they exite Vo. meting Ten as a Virmefuge has been goven in howder and was support by some to act entirely mechanical by irritating and Grending the Worm Tim is hable to be disolved in the fluid, of our Momach and must all an apoison and not Mechan: We know it onlains a Quantity of Arrence to which all its effects in desoroging worms or ow-

Ison and all its Direperations harbeen given for the Cene of Harms and they are more takely to come to the Intertines conchanged and certones tone to them The Posterations of From that I mortly the in the Irehard Heel and Sal Martin Ofy hospand Atel ofgive 5: 100,30 grains at at a done acording to the age or constitution on of the Patenti and Sal: Martin From 3 Vegelables have a power of destraying Wfast of having an anthelmentic proper. by when taken Internaly - All Folio Plants Garlie applied to the Hornach Wrish &c has been known to expell Worm from the Body and has the same offeet when taken internally - Jinh Hoot Spigelie, Bran Foot Ste - Larolina Vinh Root is one of the best Vermefug Medicine that I have the but sometimes it has a Narcoli Quality 128. mang be given in Substance Bears foot is one of the Irongest formefuge medicines that we are aquainted with it is very frower. full and should be given in small Do-ver - Spegelia grows wild in the west Indias and is und with Sucrepty the Negro's and indians they say it is as effectual in destraying worms as if Bark is in curing the Intermelling fewer this medicine is as effectual in producing thep as Opin - The esternal Thell of the common Walnut has been Accommended in the Cure of Wormes & I think it may be attended with good Juce to Cow- Steh is much recommendfor destraying of Worms Ho offeration is interested mechanical by Fredating the Warms with it sharp Joints killhim it is commonly admirustred in Lyrupor Molopes - Horne Hair cut fine has also been given to destroy Worms it acts in the Same morner as low. Iteh - Oels where also given to destray Worms and where outposed to Slop up the Gove of this animal which Led to The organs of Resperation but it is well known that there arimals have no such organs let We know that out of the body will like a Conce der able

We have now given the general Metho. of Cure but Pout every whereis of them require a different method of Ireatment Assaredes are within the reach of flysten . Milk & Motapes or Jugar the Bed for this, purpose Gentle La ratives or a Physter of Luchocher extremquested with thoney many be administred In the Pound Worm the Reducer ought to be administred in the Morrising des bout It is best administred in Mith if woon after the Medicine is given he fuls a Pain & Convulsions it is a Lyn that they are enderousing to punaliate the abdomen In this casethe abdomen should be rubbed with Delso-Peum

The Patient Should to gentle Laxatives as the Timetune of Rhubart or

Jol Martin is as effectival as any

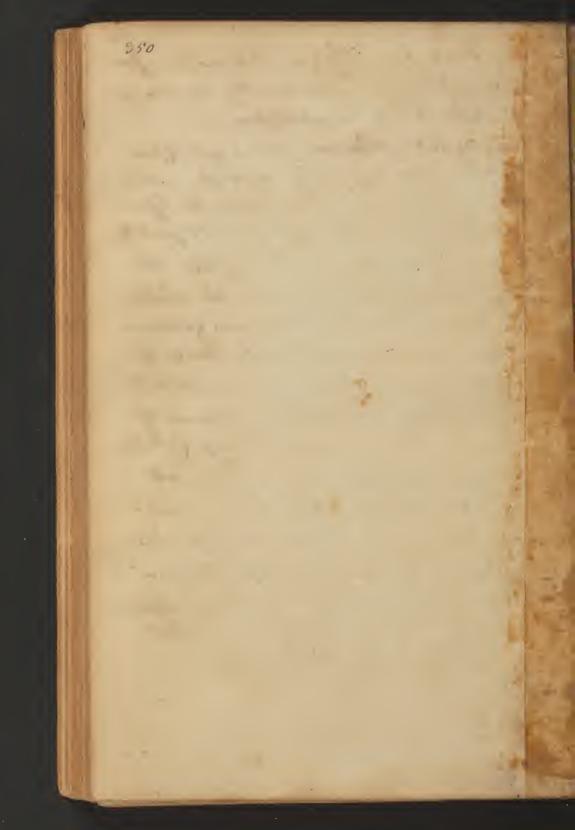
But if the Presence of Worms should be

attended with fever we should Recommend those medicines that are proper

for Worm o & for the Fever of the Same

time

time such are the Camphorated Julet - Worms are frequently destroyed by Salt taken in Molafores Tenia or later Worm this is got Clear off with great difficulty and it sometimes happens that they Elude the Effect. of all Medicines Hung Beef Sall fish the hasteen Grevereled as a Virmefuge the fources the Worms to desert the Super neor hart of the Intertinos are go'down to the Lower parts a Biresh Sury of Jallah then with Large Quantilies of Cold Water will Stand a Chance of expelling then from the Body Cold Water will render them Motionless at some places they give Tetrolium and a Jury immediately after it with Jueespiris the Removal of the take Worm Trelieved a gentleman of a Large Safeworm by giving him Grepand steel If ala Fore every Merring



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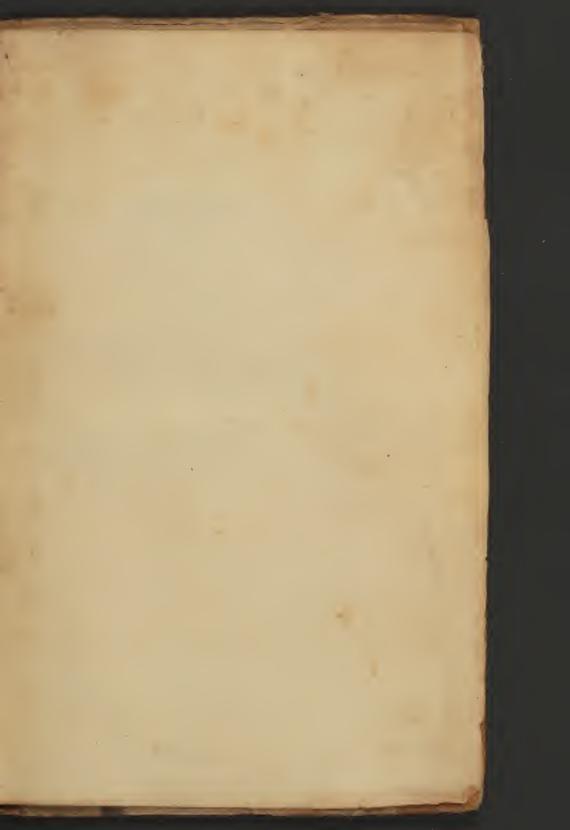
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John W: Hendenhad ndenhall

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